American Meat Institute

MEATFACTS

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Meatfacts 1986

This is the sixteenth annual edition of MEATFACTS, a statistical summary of the U.S. meat industry.

The tables and charts on the following pages present cycles, trends, and point-in-time data on many aspects of the red meat industry. The American Meat Institute believes a familiarity with these statistics—where we've been and where we are today—is necessary to understand many of the changes our industry is currently experiencing.

The information in MEATFACTS includes:

— Livestock supplies and prices
— Livestock slaughter and meat production
— Processed and canned meat production
— Per capita meat consumption and expenditures
— Industry employment and wages
— Meat Packing Industry sales, costs, and earnings
— Foreign meat trade

The fundamentals of livestock supplies, meat production, and prices haven't changed much from what was reported here last year. Red meat supplies rose again in 1985 to their third highest level on record and, in conjunction with record-large poultry production, resulted in the largest-ever per capita availability of all meats—almost 239 pounds per person. These larger supplies were reflected in lower prices at both the live, wholesale and retail level. Average retail meat prices, in fact, declined last year for the third time in the past 10 years, but today's livestock supply situation suggests that recent bargain meat prices will not continue.

The cattle herd at the beginning of this year was the smallest since 1963, while last year's calf crop—the base for future beef supplies—was the smallest since 1961. Hog numbers at the beginning of the year were the lowest since 1976 and the most recent numbers on the hog breeding herd were the lowest on record. Lower cattle and hog inventories point to tightening meat supplies throughout the remainder of the 1980s.

The American Meat Institute hopes MEATFACTS '86 proves useful in promoting a better understanding of the American meat industry.

C. Manly Molpus
President
American Meat Institute
July, 1986

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Cattle, Sheep and Hogs on Farms January 1, 1925–86 And Total U.S. Resident Population July 1, 1925–86

	CATTLE AND CALVES	SHEEP AND LAMBS	HOGS[1]	TOTAL RESIDENT POPULATION
		1,000 Head		Millions
1925	63,373	38,543	55,570	115.8
1930	61,003	51,565	55,705	123.1
1935	68,846	51,808	39,066	127.3
1940	68,309	52,107	61,165	132.0
1945	85,573	46,520	59,373	132.5
1950	77,963	29,826	58,937	151.9
1951	82,083	30,633	62,269	154.0
1952	88,072	31,982	62,117	156.4
1953	94,241	31,900	51,755	159.0
1954	95,679	31,356	45,114	161.9
1955	96,592	31,582	50,474	165.1
1956	95,900	31,157	55,354	168.1
1957	92,860	30,654	51,897	171.2
1958	91,176	31,217	51,517	174.1
1959	93,322	32,606	58,045	177.1
1960	96,236	33,170	59,026	180.0
1961	97,700	32,725	55,560	183.0
1962	100,369	30,969	61,837	185.8
1963	104,488	29,176	62,726	188.5
1964	107,903	27,116	62,060	191.1
1965	109,000	25,127	56,106	193.5
1966	108,862	24,734	50,519	195.6
1967	108,783	23,953	57,125	197.5
1968	109,371	22,223	58,818	199.4
1969	110,015	21,350	60,829	201.4
1970	112,369	20,423	57,046	204.0
1971	114,578	19,731	67,285	206.8
1972	117,862	18,739	62,412	209.3
1973	121,539	17,641	59,017	211.4
1974	127,788	16,310	60,614	213.3
1975	132,028	14,515	54,693	215.5
1976	127,980	13,311	49,267	217.6
1977	122,810	12,722	54,934	219.8
1978	116,375	12,421	56,539	222.1
1979	110,864	12,365	60,356	224.6
1980	111,192	12,687	67,318	227.2
1981	114,321	12,936	64,462	229.9
1982	115,604	12,966	58,698	231.8
1983	115,199	12,026	54,534	234.0
1984	113,700	11,487	56,694	236.2
1985	109,749	10,443	54,073	238.4
1986	105,468	9,932	52,298	240.5*

Source: U.S. Departments of Agriculture and Commerce

[1]Beginning in 1962 figures are for Dec. 1 of previous year

**Estimated*

Cattle and Calves, Sheep and Lambs on Farms January 1, 1986, And Hogs December 1, 1985, by State

STATE	CATTLE & CALVES	SHEEP & LAMBS	ALL HOGS
		1,000 Head	
PACIFIC			
Washington	1,460	58	51
Oregon	1,575	430	125
California	5,000	1,065	145
Alaska	9	3	2
Hawaii	209	N.A.	55
MOUNTAIN			
Montana	2,450	423	135
Idaho	1,750	320	125
Wyoming	1,325	819	34
Colorado	2,850	600	225
New Mexico	1,390	525	38
Arizona	1,050	278	175
Utah	790	484	23
Nevada	610	81	15
NORTH CENTRAL			
Ohio	1,840	275	1,980
Indiana	1,570	100	4,150
Illinois	2,470	109	5,400
Michigan	1,410	108	1,190
Wisconsin	4,280	75	1,250
Minnesota	3,400	213	4,100
Iowa	4,950	350	13,500
Missouri	4,800	101	3,050
South Dakota	3,600	540	1,610
North Dakota	2,000	180	285
Nebraska	5,800	160	3,900
Kansas	5,800	210	1,520
SOUTH CENTRAL			
Kentucky	2,480	27	800
Tennessee	2,500	10	950
Alabama	1,780	N.A.	345
Mississippi	1,430	N.A.	230
Arkansas	1,750	N.A.	436
Louisiana	1,240	8	60
Oklahoma	5,200	90	200
Texas	13,600	1,810	435
NORTH ATLANTIC			
New England[1]	761	60	69
New York	1,970	55	130
New Jersey	97	11	45
Pennsylvania	1,960	93	780
SOUTH ATLANTIC			
Delaware	27	N.A.	35
Maryland	370	19	205
Virginia	1,840	154	400
West Virginia	520	78	37
North Carolina	1,100	10	2,350
South Carolina	635	N.A.	400
Georgia	1,700	N.A.	1,150
Florida	2,120	N.A.	158
TOTAL U.S.	**105,468**	**9,932**	**52,298**

Source: U.S. Department of Agriculture

[1]Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut

N.A.—not available

Number of Operations with Livestock, by State and Species, 1984–85

	NUMBER OF OPERATIONS							
	Cattle		Milk Cows		Hogs		Sheep	
STATE	1984	1985	1984	1985	1984	1985	1984	1985
NORTH ATLANTIC								
New England[1]	15,720	15,220	8,330	7,830	5,660	5,510	2,750	2,850
New York	31,000	29,000	17,500	16,500	5,700	5,400	2,400	2,200
New Jersey	2,600	2,500	850	800	750	700	750	700
Pennsylvania	47,000	46,000	21,000	21,000	13,000	12,000	4,900	4,900
NORTH CENTRAL								
Ohio	45,000	45,000	11,300	11,000	15,000	15,000	7,500	7,400
Indiana	48,000	46,000	8,000	8,100	20,000	19,500	5,400	5,200
Illinois	45,000	42,000	5,900	5,900	23,000	19,500	6,800	6,200
Michigan	31,000	30,000	9,000	9,000	8,500	8,000	2,900	2,700
Wisconsin	66,000	63,000	43,000	41,000	13,500	12,000	3,700	3,500
Minnesota	58,000	53,000	24,000	23,000	21,000	19,500	7,000	6,000
Iowa	66,000	64,000	11,000	10,500	45,000	43,000	12,500	10,500
Missouri	100,000	98,000	11,500	11,000	26,000	24,000	3,900	3,900
North Dakota	18,500	17,800	3,700	3,500	3,000	3,000	2,100	2,000
South Dakota	27,000	26,000	6,000	5,600	9,500	9,000	5,600	5,400
Nebraska	39,000	35,000	4,800	4,500	14,000	14,000	3,300	3,400
Kansas	48,000	48,000	4,000	3,700	8,800	8,300	2,800	2,600
SOUTH ATLANTIC								
Delaware	700	700	250	230	450	350	N.A.	N.A.
Maryland	8,100	8,100	2,300	2,200	2,500	2,200	1,000	1,000
Virginia	39,000	39,000	7,000	6,500	14,000	12,000	2,700	2,800
West Virginia	18,000	18,000	3,300	3,200	4,500	4,000	2,900	2,700
North Carolina	40,000	40,000	5,000	4,500	21,000	18,000	500	500
South Carolina	18,000	18,000	2,000	2,000	14,000	13,000	N.A.	N.A.
Georgia	37,000	37,000	2,500	2,200	13,500	11,000	N.A.	N.A.
Florida	21,000	20,500	1,400	1,400	5,000	5,000	N.A.	N.A.
SOUTH CENTRAL								
Kentucky	65,000	62,000	9,000	8,500	20,000	18,000	900	900
Tennessee	76,000	76,000	7,000	6,700	22,000	21,000	450	470
Alabama	42,000	42,000	2,100	1,600	11,500	9,500	N.A.	N.A.
Mississippi	36,000	34,000	2,500	2,500	14,000	12,000	N.A.	N.A.
Arkansas	38,000	34,000	2,500	2,500	4,000	3,000	N.A.	N.A.
Louisiana	25,000	25,000	3,200	3,100	5,000	4,000	750	700
Oklahoma	66,000	65,000	5,300	5,300	6,000	6,000	2,400	2,300
Texas	152,000	148,000	9,700	9,500	15,000	15,000	9,000	8,800
MOUNTAIN								
Montana	16,600	16,200	2,900	2,800	1,800	1,600	2,800	2,900
Idaho	20,000	19,000	4,400	4,200	2,500	2,400	2,800	2,500
Wyoming	5,800	5,800	1,100	900	500	500	1,400	1,300
Colorado	19,000	18,000	3,500	3,300	3,000	2,700	2,400	2,500
New Mexico	9,000	9,000	1,400	1,400	1,300	1,200	1,600	1,500
Arizona	5,200	5,500	850	900	600	650	500	500
Utah	9,500	9,300	2,400	2,300	1,400	1,200	2,600	2,500
Nevada	1,700	1,700	400	400	200	180	270	270
PACIFIC								
Washington	24,000	23,000	3,600	3,400	3,600	3,300	2,400	2,200
Oregon	27,000	26,000	3,800	3,800	3,600	3,600	5,800	5,400
California	35,000	34,000	5,300	5,200	5,500	5,000	6,000	6,000
Alaska	220	220	70	70	70	70	30	30
Hawaii	850	850	90	90	650	650	N.A.	N.A.
TOTAL U.S.	**1,543,490**	**1,496,390**	**284,740**	**273,620**	**429,580**	**395,510**	**123,500**	**117,220**

Source: U.S. Department of Agriculture

[1]Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut

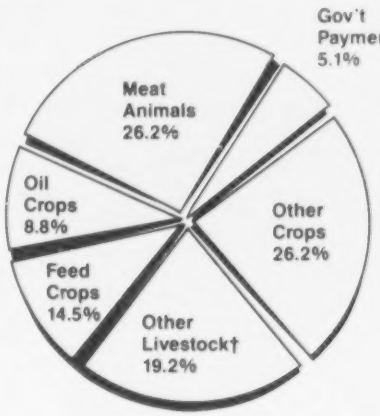
Livestock Prices Received by Farmers, U.S. Averages for All Grades

	BEEF CATTLE	CALVES	HOGS	LAMBS
		Dollars Per 100 Pounds		
1925	$ 6.53	$ 8.59	$10.90	$12.40
1930	7.71	9.68	8.84	7.76
1935	6.04	7.16	8.65	7.28
1940	7.56	8.83	5.39	8.10
1945	12.10	13.00	14.00	13.10
1950	23.30	26.30	18.00	25.10
1951	28.70	32.00	20.00	31.00
1952	24.30	25.80	17.80	24.30
1953	16.30	16.70	21.40	19.30
1954	16.00	16.50	21.60	19.10
1955	15.60	16.70	15.00	18.40
1956	14.90	16.00	14.40	18.50
1957	17.20	18.70	17.80	19.90
1958	21.90	25.20	19.60	21.00
1959	22.60	26.70	14.10	18.70
1960	20.40	22.90	15.30	17.90
1961	20.20	23.70	16.60	15.80
1962	21.30	25.10	16.30	17.80
1963	19.90	24.00	14.90	18.10
1964	18.00	23.00	14.80	19.90
1965	19.90	22.10	20.60	22.80
1966	22.20	26.00	22.80	23.40
1967	22.30	26.30	18.90	22.10
1968	23.40	27.60	18.50	24.40
1969	26.20	31.50	22.20	27.20
1970	27.10	34.50	22.70	26.40
1971	29.00	36.40	17.50	25.90
1972	33.50	44.70	25.10	29.10
1973	42.80	56.60	38.40	35.10
1974	35.60	35.20	34.20	37.00
1975	32.30	27.20	46.10	42.10
1976	33.70	34.20	43.30	46.90
1977	34.40	36.90	39.40	51.30
1978	48.50	59.10	46.60	62.70
1979	66.00	88.80	41.80	66.70
1980	62.40	76.80	38.00	63.60
1981	58.60	64.00	43.90	54.90
1982	56.70	59.80	52.30	53.10
1983	55.50	61.70	46.80	53.90
1984	57.30	59.90	47.10	60.10
1985	53.70	62.10	44.00	67.70

Source: U.S. Department of Agriculture

Cash Receipts from Farm Marketings of Meat Animals, by State, 1985

RANK	STATE	CATTLE AND CALVES	HOGS	SHEEP AND LAMBS	TOTAL
		Millions of Dollars			
1	Texas	$ 4,103.6	$ 70.3	$ 78.2	$ 4,252.1
2	Iowa	1,748.5	2,474.3	24.3	4,247.1
3	Nebraska	3,327.8	560.1	11.3	3,899.2
4	Kansas	2,754.0	278.5	14.2	3,046.7
5	Colorado	1,692.2	30.0	49.5	1,771.7
6	Illinois	668.5	992.8	7.4	1,668.7
7	Minnesota	926.2	721.4	16.4	1,664.0
8	South Dakota	1,327.0	270.4	40.8	1,638.2
9	Oklahoma	1,349.1	37.8	3.6	1,390.5
10	Missouri	753.8	571.2	5.8	1,330.8
11	California	1,090.9	22.1	51.8	1,164.8
12	Indiana	304.8	705.4	4.4	1,014.6
13	Wisconsin	639.2	242.5	4.4	886.1
14	Montana	689.3	22.0	23.1	734.4
15	Ohio	342.4	326.1	10.2	678.7
16	Tennessee	425.8	158.5	.2	584.5
17	New Mexico	525.8	5.5	13.3	544.6
18	Kentucky	395.3	138.3	1.2	533.6
19	North Carolina	154.4	376.7	.2	531.3
20	North Dakota	479.2	34.5	10.8	524.5
21	Idaho	488.6	14.1	20.3	523.0
22	Arizona	433.7	27.5	6.9	468.1
23	Wyoming	414.0	4.0	32.0	450.1
24	Georgia	224.4	196.4	*	420.8
25	Michigan	230.0	178.2	4.9	413.1
26	Alabama	346.3	50.9	*	397.2
27	Pennsylvania	294.7	102.1	2.8	399.6
28	Florida	332.4	18.0	*	350.4
29	Washington	333.4	5.5	2.9	341.8
30	Oregon	303.4	21.2	17.2	341.8
31	Arkansas	250.1	91.6	*	341.7
32	Virginia	263.0	67.3	4.3	334.6
33	Mississippi	215.4	42.3	*	257.7
34	Utah	155.2	2.8	24.6	182.6
35	Louisiana	172.9	6.9	.2	180.0
36	New York	149.6	14.7	2.0	166.3
37	South Carolina	78.9	57.6	*	136.5
38	Nevada	101.8	1.3	6.5	109.6
39	Maryland	67.2	40.2	.6	108.0
40	West Virginia	70.8	3.7	2.6	77.1
41	Hawaii	26.6	8.0	*	34.6
42	Vermont	29.2	1.0	.9	31.0
43	Maine	19.1	1.1	1.0	21.2
44	New Jersey	11.4	5.9	.3	17.6
45	Connecticut	16.2	.8	.5	17.5
46	Massachusetts	5.6	3.9	.5	10.0
47	Delaware	1.8	7.2	*	9.0
48	New Hampshire	6.7	.6	.8	8.1
49	Rhode Island	.7	.6	*	1.3
50	Alaska	.7	.6	*	1.3
	Total U.S.	**$28,741.7**	**$9,014.1**	**$502.8**	**$38,258.6**



Cash Receipts from Farming, 1985

†Includes dairy products, poultry and eggs

Source: U.S. Department of Agriculture

*Less than 50,000

Totals may not add due to rounding

Number of Feedlots and Cattle Marketed, by Feedlot Capacity*, 1985

	Under 1,000	1,000 to 8,000	8,000 to 16,000	16,000 to 32,000	32,000 & Over	Total
	Number of Feedlots					
Arizona	13	—	—	6	6	25
California	13	29	16	13	8	79
Colorado	154	139	20	11	6	330
Iowa	15,203	297	—	—	—	15,500
Kansas	2,000	114	48	28	10	2,200
Nebraska	9,270	373	40	12	5	9,700
Texas	852	40	35	38	35	1,000
7 Major States	27,505	992	159	108	70	28,834
% of Total	95.4	3.4	.6	.4	.2	100.0
13 States[1]	49,279	1,214	191	125	77	50,886
% of Total	96.8	2.4	.4	.2	.2	100.0
	Cattle Marketed, Thousand Head					
Arizona	36	—	—	159	315	510
California	4	86	112	376	471	1,049
Colorado	85	565	295	340	825	2,110
Iowa	829	966	—	—	—	1,795
Kansas	103	631	983	1,065	1,083	3,865
Nebraska	1,390	1,320	860	560	470	4,600
Texas	70	200	620	1,280	2,860	5,030
7 Major States	2,517	3,768	2,870	3,780	6,024	18,959
% of Total	13.3	19.9	15.1	19.9	31.8	100.0
13 States[1]	4,085	4,255	3,333	4,542	6,642	22,857
% of Total	17.9	18.6	14.6	19.9	29.0	100.0

Source: U.S. Department of Agriculture

**Numbers from certain size groups included with other groups to avoid disclosing individual operations*

[1]Principal cattle feeding states include 7 major states and ID, IL, MN, OK, SD and WA

Composition of Commercial Cattle Slaughter, 1960–85

Year	Steers & Heifers Fed	Steers & Heifers Nonfed	Cows	Bulls & Stags	Total	Steers & Heifers Fed	Steers & Heifers Nonfed	Cows	Bulls & Stags
	Thousand Head					Percent			
1960	13,496	5,602	5,773	353	25,224	53.5%	22.2%	22.9%	1.4%
1961	14,545	5,585	5,179	326	25,635	56.7	21.8	20.2	1.3
1962	15,365	4,981	5,453	284	26,083	58.9	19.1	20.9	1.1
1963	16,844	4,914	5,229	245	27,232	61.9	18.0	19.2	.9
1964	18,261	5,681	6,524	352	30,818	59.3	18.4	21.2	1.1
1965	18,851	4,920	8,074	502	32,347	58.2	15.2	25.0	1.6
1966	20,551	5,101	7,556	519	33,737	60.9	15.1	22.4	1.5
1967	21,847	4,796	6,757	469	33,869	64.5	14.2	20.0	1.4
1968	23,668	3,972	6,843	543	35,026	67.6	11.3	19.5	1.6
1969	24,911	2,824	6,920	582	35,237	70.7	8.0	19.6	1.6
1970	25,725	2,606	6,116	578	35,025	73.5	7.4	17.5	1.6
1971	26,127	2,450	6,375	633	35,585	73.4	6.9	17.9	1.8
1972	27,728	1,414	5,992	645	35,779	77.5	4.0	16.7	1.8
1973	26,083	680	6,248	676	33,687	77.5	2.0	18.5	2.0
1974	23,994	4,484	7,514	820	36,812	65.2	12.2	20.4	2.2
1975	21,260	6,997	11,557	1,097	40,911	52.0	17.1	28.2	2.7
1976	25,125	5,912	10,619	998	42,654	58.9	13.9	24.9	2.3
1977	25,969	5,120	9,864	903	41,856	62.0	12.2	23.6	2.2
1978	27,850	2,434	8,470	798	39,552	70.4	6.2	21.4	2.0
1979	25,566	1,553	5,930	629	33,678	75.9	4.6	17.6	1.9
1980	24,004	2,745	6,334	724	33,807	71.0	8.1	18.7	2.2
1981	23,818	3,717	6,643	775	34,953	68.2	10.6	19.0	2.2
1982	24,902	2,769	7,354	818	35,843	69.5	7.7	20.5	2.3
1983	25,752	2,492	7,597	808	36,649	70.3	6.8	20.7	2.2
1984	25,758	2,414	8,621	789	37,582	68.5	6.5	22.9	2.1
1985	26,093	2,046	7,391	758	36,288	71.9	5.6	20.4	2.1

Source: U.S. Department of Agriculture

Livestock Slaughter and Meat Production, 1925–1985

	SLAUGHTER (Thousand Head)				MEAT PRODUCTION (Million Pounds)				
	Cattle	Calves	Sheep & Lambs	Hogs	Beef	Veal	Lamb & Mutton	Pork	Total
1925	14,704	9,936	15,430	65,508	6,878	989	603	8,128	16,598
1930	12,056	7,761	21,125	67,272	5,917	792	825	8,482	16,016
1935	14,805	9,632	22,000	46,011	6,608	1,023	877	5,919	14,427
1940	14,958	9,089	21,571	77,610	7,175	981	876	10,044	19,076
1945	21,694	13,657	24,639	71,891	10,276	1,664	1,054	10,697	23,691
1950	18,614	10,501	13,244	79,263	9,534	1,230	597	10,714	22,075
1955	26,587	12,864	16,553	81,051	13,569	1,578	758	10,990	26,895
1960	26,029	8,615	16,240	84,150	14,753	1,109	768	11,607	28,237
1961	26,471	8,080	17,537	81,970	15,327	1,044	832	11,408	28,611
1962	26,911	7,857	17,168	83,424	15,324	1,015	808	11,827	28,974
1963	28,070	7,204	16,147	87,117	16,456	929	770	12,427	30,582
1964	31,678	7,632	14,895	86,284	18,456	1,013	715	12,513	32,697
1965	33,171	7,788	13,300	76,458	18,727	1,020	651	11,141	31,539
1966	34,173	6,863	13,004	75,382	19,726	910	650	11,339	32,625
1967	34,297	6,110	13,035	83,420	20,219	792	646	12,581	34,238
1968	35,418	5,616	12,120	86,417	20,880	734	602	13,064	35,280
1969	35,573	5,011	10,923	84,968	21,148	637	550	12,955	35,326
1970	35,356	4,203	10,801	87,052	21,652	588	551	13,426	36,217
1971	35,905	3,825	10,965	95,648	21,868	546	555	14,783	37,752
1972	36,134	3,201	10,525	85,865	22,381	458	543	13,617	36,999
1973	34,102	2,404	9,799	77,890	21,277	357	514	12,751	34,899
1974	37,353	3,175	9,064	83,083	23,138	486	465	13,805	37,894
1975	41,464	5,406	8,047	69,880	23,976	873	410	11,503	36,762
1976	43,199	5,527	6,911	74,959	25,969	853	371	12,415	39,608
1977	42,381	5,692	6,555	78,442	25,279	834	351	13,247	39,711
1978	39,970	4,302	5,543	78,417	24,242	632	309	13,393	38,576
1979	34,005	2,927	5,189	90,179	21,446	434	293	15,450	37,623
1980	34,116	2,679	5,742	97,174	21,644	400	318	16,615	38,977
1981	35,265	2,886	6,197	92,475	22,389	436	338	15,875	39,038
1982	36,158	3,106	6,643	82,844	22,536	448	365	14,229	37,578
1983	36,974	3,162	6,792	88,084	23,241	454	376	15,202	39,272
1984	37,892	3,367	6,900	85,641	23,596	495	380	14,812	39,283
1985	36,593	3,455	6,300	84,938	23,728	514	357	14,805	39,404

Source: U.S. Department of Agriculture

U.S. Livestock Slaughter and Meat Production, 1984–85

LIVESTOCK SLAUGHTER

SPECIES AND CLASS OF SLAUGHTER	1984 NUMBER OF HEAD Thousands	1984 % of Total	1984 AVERAGE LIVE WT.	1985 NUMBER OF HEAD Thousands	1985 % of Total	1985 AVERAGE LIVE WT.
CATTLE						
Federally Inspected	35,880	94.7%	1,072	34,765	95.0%	1,103
Other Commercial	1,702	4.5	946	1,528	4.2	972
Farm	310	.8	N.A.	300	.8	N.A.
Total	37,892	100.0	N.A.	36,593	100.0	N.A.
CALVES						
Federally Inspected	3,030	90.0	225	3,168	91.7	234
Other Commercial	267	7.9	465	217	6.3	460
Farm	70	2.1	N.A.	70	2.0	N.A.
Total	3,367	100.0	N.A.	3,455	100.0	N.A.
HOGS						
Federally Inspected	82,478	96.3	244	81,974	96.5	245
Other Commercial	2,690	3.1	230	2,519	3.0	232
Farm	473	.6	N.A.	446	.5	N.A.
Total	85,641	100.0	N.A.	84,938	100.0	N.A.
SHEEP AND LAMBS						
Federally Inspected	6,549	94.9	111	5,976	94.9	115
Other Commercial	210	3.0	96	189	3.0	95
Farm	141	2.1	N.A.	135	2.1	N.A.
Total	6,900	100.0	N.A.	6,300	100.0	N.A.

MEAT PRODUCTION

KIND OF MEAT AND CLASS OF SLAUGHTER	1984 DRESSED WEIGHT Mil. Lbs.	1984 % of Total	1984 AVERAGE DRESS WT.	1985 DRESSED WEIGHT Mil. Lbs.	1985 % of Total	1985 AVERAGE DRESS WT.
BEEF						
Federally Inspected	22,509	95.4%	630	22,709	95.7%	656
Other Commercial	907	3.8	556	848	3.6	577
Farm	180	.8	562	171	.7	599
Total	23,596	100.0	626	23,728	100.0	652
VEAL						
Federally Inspected	408	82.4	137	441	85.8	142
Other Commercial	71	14.4	283	57	11.1	278
Farm	16	3.2	227	16	3.1	228
Total	495	100.0	151	514	100.0	152
PORK						
Federally Inspected	14,282	96.4	174	14,312	96.7	175
Other Commercial	438	3.0	164	414	2.8	166
Farm	92	.6	179	79	.5	178
Total	14,812	100.0	173	14,805	100.0	175
LAMB AND MUTTON						
Federally Inspected	362	95.3	56	341	95.5	57
Other Commercial	10	2.6	48	9	2.5	48
Farm	8	2.1	54	7	2.0	53
Total	380	100.0	56	357	100.0	57

Source: U.S. Department of Agriculture

Totals may not add due to rounding

N.A.—Not Available

Slaughter and Number of Plants, by Species and State, 1985

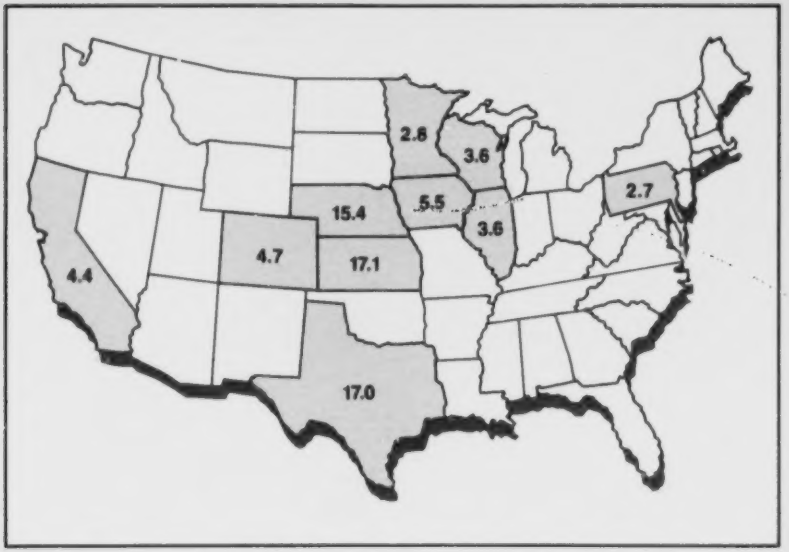
STATE	CATTLE		CALVES		HOGS		SHEEP & LAMBS	
	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*
Alabama†	269.0	—	1.7	—	475.3	—	.2	—
Arizona†	406.0	—	—	—	270.5	—	1.7	4
Arkansas	75.0	56	1.8	23	276.7	55	1.5	30
California	1,608.2	51	287.9	29	1,771.6	—	1,173.3	29
Colorado	1,713.8	36	.1	18	164.7	—	1,237.2	30
Delaware-Maryland†	60.8	13	38.2	—	75.9	—	22.4	—
Florida†	322.8	9	135.8	7	89.8	—	.6	—
Georgia†	245.6	—	10.9	—	1,574.4	24	.9	—
Hawaii†	64.6	—	—	—	43.7	—	.1	—
Idaho	817.2	36	2.8	—	98.2	—	6.6	27
Illinois†	1,299.4	—	206.0	—	7,501.1	21	253.7	—
Indiana†	201.7	17	199.2	14	3,634.1	17	11.8	11
Iowa†	1,992.8	12	—	—	21,096.2	22	840.1	3
Kansas†	6,191.9	19	.2	3	1,646.2	—	77.6	—
Kentucky	148.5	41	.8	—	2,444.5	45	11.1	23
Louisiana†	53.8	—	158.8	—	72.1	—	4.6	3
Michigan	473.4	87	104.7	58	5,060.5	—	295.9	72
Minnesota	1,025.5	47	4.1	—	4,658.1	47	437.4	—
Mississippi†	243.7	9	16.2	—	1,621.8	—	—	—
Missouri	428.8	115	8.5	—	3,241.1	105	22.1	—
Montana	40.0	28	.2	13	31.9	27	3.0	26
Nebraska	5,606.1	54	.2	7	5,025.0	38	3.2	32
Nevada	6.4	6	.1	6	3.1	5	2.5	—
New England[1]	91.5	47	202.0	47	79.2	42	34.9	50
New Jersey	108.5	—	124.6	21	325.9	—	40.1	21
New Mexico†	129.2	7	—	5	7.3	—	203.2	—
New York	207.5	92	572.8	—	83.2	78	52.0	81
North Carolina†	140.0	—	3.6	10	2,401.1	—	1.2	6
North Dakota	161.4	—	.3	7	85.0	—	.9	19
Ohio†	570.7	25	93.3	16	4,252.2	24	28.1	—
Oklahoma†	576.3	—	2.6	10	139.5	22	4.1	15
Oregon	97.3	36	12.0	25	185.7	35	10.7	34
Pennsylvania	988.2	244	301.3	189	1,629.8	230	140.9	202
South Carolina†	101.4	—	33.6	—	531.9	—	.2	—
South Dakota†	657.8	10	.2	—	2,980.8	8	335.2	—
Tennessee	271.3	64	—	—	2,736.9	71	.8	32
Texas†	6,154.6	60	254.3	22	1,120.8	36	653.5	—
Utah†	347.6	—	.5	—	217.1	—	32.2	11
Virginia†	98.9	19	4.7	11	4,158.4	21	49.8	—
Washington	936.6	33	102.6	21	39.3	23	158.0	—
West Virginia†	31.5	—	.9	—	26.9	—	1.2	—
Wisconsin†	1,318.4	9	397.0	7	2,580.2	—	9.0	3
Wyoming†	9.0	—	.1	—	7.2	—	1.7	—
Total U.S.	**36,292.7**	**1,451**	**3,385.3**	**831**	**84,491.9**	**1,310**	**6,165.2**	**1,008**

Source: U.S. Department of Agriculture

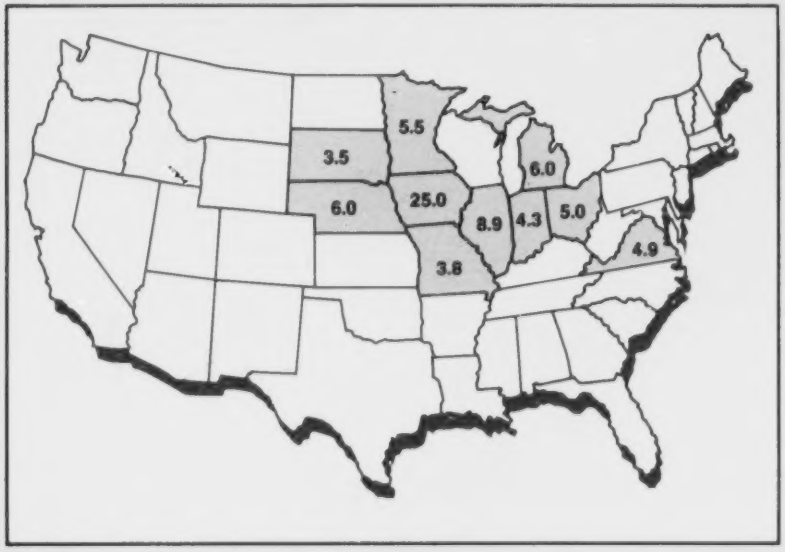
**Numbers in column will not add to total because of states left blank to avoid disclosing individual operations*

†Operating under State Inspection Programs

[1]New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont



Top 10 Cattle Slaughtering States, by Percentage of Commercial Cattle Slaughter, 1985



Top 10 Hog Slaughtering States, by Percentage of Commercial Hog Slaughter, 1985

Number of Livestock Slaughtering Plants, January 1, 1985 and 1986, by State

STATE	JANUARY 1, 1985			JANUARY 1, 1986		
	Federally Inspected Plants	Other Plants	Total	Federally Inspected Plants	Other Plants	Total
NORTH ATLANTIC						
New England[1]	49	74	123	52	76	128
New York	95	18	113	88	15	103
New Jersey	23	9	32	24	9	33
Pennsylvania	260	77	337	245	68	313
NORTH CENTRAL						
Ohio	33	250	283	34	204	238
Indiana	21	147	168	21	131	152
Illinois	29	184	213	29	186	215
Michigan	94	55	149	88	50	138
Wisconsin	17	195	212	17	210	227
Minnesota	52	199	251	50	190	240
Iowa	32	312	344	27	302	329
Missouri	116	140	256	117	140	257
South Dakota	10	122	132	11	117	128
North Dakota	26	52	78	24	54	78
Nebraska	59	155	214	58	147	205
Kansas	21	175	196	18	167	185
SOUTH ATLANTIC						
Delaware/Maryland	13	44	57	13	42	55
Virginia	24	69	93	26	77	103
West Virginia	2	58	60	2	58	60
North Carolina	18	93	111	19	96	115
South Carolina	12	44	56	9	42	51
Georgia	26	132	158	27	117	144
Florida	7	122	129	7	93	100
SOUTH CENTRAL						
Kentucky	48	70	118	43	64	107
Tennessee	70	63	133	69	61	130
Alabama	12	167	179	11	160	171
Mississippi	10	86	96	12	86	98
Arkansas	58	53	111	55	50	105
Louisiana	5	99	104	5	99	104
Oklahoma	25	122	147	22	115	137
Texas	68	253	321	67	248	315
MOUNTAIN						
Montana	29	26	55	26	18	44
Idaho	34	16	50	33	10	43
Wyoming	1	18	19	0	18	18
Colorado	42	20	62	39	18	57
New Mexico	8	30	38	9	31	40
Arizona	9	26	35	10	24	34
Utah	12	25	37	14	26	40
Nevada	6	0	6	6	0	6
PACIFIC						
Washington	35	4	39	30	4	34
Oregon	40	16	56	33	12	45
California	54	0	54	50	0	50
Hawaii	3	15	18	4	17	21
TOTAL U.S.	**1,608**	**3,835**	**5,443**	**1,544**	**3,652**	**5,196**

Source: U.S. Department of Agriculture

[1]*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut*

Livestock Slaughter Shares by Firm Size, 1975–84

Firm Size Group	Steers & Heifers	Cows & Bulls	All Cattle	Calves	Hogs	Sheep & Lamb
			Percent of Total Slaughter†			
4 Largest Firms						
1975	28.0%	13.4%	22.2%	28.4%	33.0%	57.5%
1976	29.0	12.2	22.1	27.8	34.6	53.0
1977	28.8	10.9	21.9	29.2	33.7	55.4
1978	31.6	10.4	24.3	30.8	35.5	59.3
1979	36.5	10.0	29.3	33.5	36.5	65.5
1980	39.0	10.5	31.3	35.8	34.8	57.3
1981	42.7	10.3	34.2	35.3	35.5	57.9
1982	45.0	10.0	35.4	33.4	35.9	49.5
1983	50.6	11.6	39.4	34.0	32.4	48.2
1984	52.9	12.4	40.5	35.0	36.2	44.2
8 Largest Firms						
1975	41.5	22.6	33.8	42.9	49.7	76.1
1976	41.7	20.3	32.3	40.8	52.0	74.5
1977	42.3	18.0	33.1	43.0	52.5	77.5
1978	44.1	18.4	34.5	45.8	54.5	81.5
1979	50.6	17.9	41.1	50.2	55.2	86.2
1980	56.2	19.9	45.4	51.8	52.6	84.7
1981	58.1	19.8	46.9	51.4	52.2	87.7
1982	60.9	18.8	48.2	50.2	53.3	83.6
1983	62.6	20.9	48.7	51.2	51.1	81.3
1984	64.6	21.7	49.5	51.0	53.7	74.0
12 Largest Firms						
1975	49.8	29.5	41.0	51.7	58.1	86.3
1976	49.0	25.8	38.8	50.0	60.4	85.7
1977	50.3	23.8	39.4	53.1	61.4	87.8
1978	51.5	24.7	40.4	53.3	62.6	90.5
1979	57.5	25.0	46.7	59.3	63.4	93.3
1980	63.3	27.1	51.1	60.6	62.0	93.1
1981	66.7	27.4	54.0	60.3	60.9	93.6
1982	68.7	25.7	54.8	59.2	61.1	93.7
1983	69.4	27.8	54.8	59.8	60.6	93.2
1984	72.1	28.1	56.3	60.0	66.0	89.2
Total Firms*			Number			
1975	656	644	755	359	440	193
1976	666	649	778	361	438	193
1977	618	620	731	342	410	182
1978	617	628	727	315	408	174
1979	582	595	691	283	425	182
1980	565	583	672	273	448	190
1981	489	521	599	262	421	183
1932	471	505	580	259	405	184
1983	463	501	570	251	396	180
1984	435	471	533	236	370	167

Source: U.S. Department of Agriculture

†Slaughter of those firms defined below

*Since 1977, defined as all companies purchasing livestock valued at $500,000 or more. Prior to 1977, defined as all companies slaughtering at least 1,000 head of cattle or 2,000 head of all species combined.

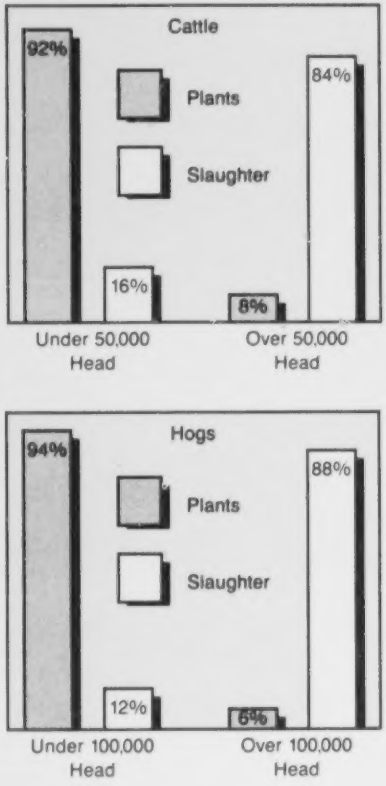
Federally Inspected Slaughter Plants, by Species and by Size, 1985

SIZE GROUPS	PLANTS		SLAUGHTER	
	Number	Percent of Total	Thous. Head	Percent of Total*
CATTLE				
Under 1,000	940	64.8%	331	.9%
1,000–9,999	277	19.1	866	2.4
10,000–49,999	116	8.0	2,874	7.9
50,000–499,999	99	6.8	14,572	40.2
500,000 and over	19	1.3	15,960	44.0
Total	**1,451**	**100.0**		
CALVES				
Under 100	624	75.1	9	.3
100–9,999	141	17.0	245	7.2
10,000 and over	66	7.9	2,891	85.4
Total	**831**	**100.0**		
HOGS				
Under 1,000	894	68.2	272	.3
1,000–9,999	222	16.9	669	.8
10,000–99,999	122	9.3	3,377	4.0
100,000–999,999	38	2.9	20,117	23.8
1,000,000 and over	34	2.6	54,495	64.5
Total	**1,310**	**100.0**		
SHEEP AND LAMBS				
Under 100	709	70.3	19	.3
100–999	214	21.2	61	1.0
1,000–9,999	57	5.7	172	2.8
10,000 and over	28	2.8	5,695	92.4
Total	**1,008**	**100.0**		

Source: U.S. Department of Agriculture

**Percent of U.S. commercial slaughter*

Percent of F.I. Plants and Slaughter by Size of Plant



Large Plants—Number and Slaughter, 1976–85

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
CATTLE—50,000 or more										
Number of Plants	217	211	191	153	149	129	134	135	136	118
Percent of all F.I. Plants	13.0%	13.5%	12.5%	10.4%	10.6%	8.3%	8.9%	8.9%	9.1%	8.1%
Slaughter, ths. head	32,258	32,215	30,768	26,140	27,030	27,572	28,697	29,981	31,305	30,532
Percent of Commercial Slaughter	75.6%	77.0%	77.8%	77.6%	80.0%	78.9%	80.0%	81.8%	83.3%	84.1%
HOGS—100,000 or more										
Number of Plants	116	117	109	114	115	110	101	104	99	72
Percent of all F.I. Plants	8.8%	9.5%	8.9%	9.3%	9.3%	7.9%	7.5%	7.8%	7.4%	5.5%
Slaughter, ths. head	66,697	69,673	69,980	82,291	87,889	83,095	74,449	80,351	77,676	74,612
Percent of Commercial Slaughter	84.7%	90.1%	90.5%	92.4%	91.5%	90.7%	90.7%	91.8%	91.2%	88.3%

Source: U.S. Department of Agriculture

Top 25 Meat Companies (Ranked by 1985 Sales)

1. **IBP Inc.**
   Dakota City, NE
2. **ConAgra, Inc.**
   Omaha, NE
3. **Swift Independent Packing Co.**
   Chicago, IL
4. **Excel Corp.**
   Wichita, KS
5. **Oscar Mayer Foods Corp.**
   Madison, WI
6. **Sara Lee Corp.**
   Chicago, IL
7. **John Morrell & Co.**
   Northfield, IL
8. **Swift-Eckrich, Inc.**
   Oak Brook, IL
9. **Wilson Foods Corp.**
   Oklahoma City, OK
10. **George A. Hormel & Co.**
    Austin, MN
11. **Monfort of Colorado, Inc.**
    Greeley, CO
12. **Idle Wild Foods, Inc.**
    Worcester, MA
13. **Smithfield Foods, Inc.**
    Arlington, VA
14. **Val-Agri**
    Wichita, KS
15. **Dubuque Packing Co.**
    Omaha, NE
16. **Thorn Apple Valley, Inc.**
    Southfield, MI
17. **E.A. Miller, Inc.**
    Hyrum, UT
18. **Prestige Foods Corp.**
    East Brunswick, NJ
19. **FDL Foods, Inc.**
    Dubuque, IA
20. **Farmland Foods, Inc.**
    Kansas City, MO
21. **Superior's Brand Meats, Inc.**
    Massillon, OH
22. **Packerland Packing Co., Inc.**
    Green Bay, WI
23. **Sterling Beef Co.**
    Fort Morgan, CO
24. **Moyer Packing Co.**
    Souderton, PA
25. **Nebraska Dupaco**
    Omaha, NE

Source: Meat Industry magazine

Top 10 Steer & Heifer Slaughterers in 1985 (Ranked Alphabetically)

1. Dubuque Packing Co.
2. Excel Corp.
3. Hyplains Dressed Beef, Inc.
4. IBP inc.
5. Idle Wild Foods (National Beef)
6. E.A. Miller, Inc.
7. Monfort of Colorado, Inc.
8. Sterling Beef Co.
9. Swift Independent Packing Co.
10. Val-Agri

Source: U.S. Department of Agriculture

Top 10 Hog Slaughterers in 1985 (Ranked Alphabetically)

1. FDL Foods, Inc.
2. Farmland Foods, Inc.
3. George A. Hormel & Co.
4. IBP inc.
5. Oscar Mayer Foods Corp.
6. John Morrell & Co.
7. Smithfield Foods, Inc.
8. Swift Independent Packing Co.
9. Thorn Apple Valley, Inc.
10. Wilson Foods Corp.

Source: U.S. Department of Agriculture

	Retail Beef (Lbs)	Other Products (Lbs)	Carcass Total (Lbs)
ROUND (147.6 lbs)			
Top round	22.5		
Bottom round	21.7		
Tip	14.0		
Rump	5.1		
Stewing beef, ground beef, etc.	26.3		
Fat, bone		58.0	
Total	89.6	58.0	147.6
LOIN (110.5 lbs)			
Portherhouse steak	19.5		
T-bone steak	9.9		
Top loin steak	5.4		
Sirloin steak	43.2		
Ground beef	3.0		
Fat, bone		29.5	
Total	81.0	29.5	110.5
FLANK (37.1 lbs)			
Flank steak	3.7		
Ground beef	13.8		
Fat		19.6	
Total	17.5	19.6	37.1
RIB (62.0 lbs)			
Rib roast	25.4		
Rib steak	13.0		
Short ribs	4.9		
Braising beef, ground beef	6.5		
Fat, bone		12.2	
Total	49.8	12.2	62.0
PLATE (54.0 lbs)			
Plate, stew, short ribs	43.2		
Fat, bone		10.8	
Total	43.2	10.8	54.0
CHUCK (176.8 lbs)			
Blade roast	63.6		
Arm pot roast	23.9		
Cross rib pot roast	22.1		
Stew, ground beef	34.4		
Fat, bone		32.8	
Total	144.0	32.8	176.8
BRISKET (27.3 lbs)			
Boneless brisket	11.0		
Fat, bone		16.3	
Total	11.0	16.3	27.3
FORESHANK (18.9 lbs)			
Shank meat	9.0		
Bone		9.9	
Total	9.0	9.9	18.9
MISCELLANEOUS (15.8 lbs)			
Kidney, hanging tender	3.7		
Fat, suet, shrink and loss		12.1	
Total	3.7	12.1	15.8
TOTAL	**448.8**	**201.2**	**650.0**

Source: Derived by AMI from USDA and industry figures

Hog Carcass Breakdown

	Retail Pork* (Lbs)	Other Products (Lbs)	Carcass Total (Lbs)
HAM (39.4 lbs)			
Cured ham	20.1		
Fresh ham	4.1		
Trimmings	3.0		
Skin, fat, bone		12.2	
Total	27.2	12.2	39.4
LOIN (32.9 lbs)			
Blade roast	8.0		
Center chops	17.3		
Sirloin roast	5.6		
Fat		2.0	
Total	30.9	2.0	32.9
SIDE (36.4 lbs)			
Cured bacon	18.6		
Spareribs	6.4		
Trimmings	9.4		
Fat		2.0	
Total	34.4	2.0	36.4
SHOULDER (28.0 lbs)			
Boston Butt			
Blade steaks	7.0		
Blade roast	4.2		
Trimmings	0.8		
Total	12.0		12.0
Picnic			
Arm roast	7.7		
Trimmings	3.7		
Skin, fat, bone		4.6	
Total	11.4	4.6	16.0
MISCELLANEOUS (28.3 lbs)			
Jowls, feet, tails, neckbones, etc.	6.5		
Trimmings	3.9		
Fat, skin, bone		14.4	
Shrink and loss		3.5	
Total	10.4	17.9	
TOTAL	**126.3**	**38.7**	**165.0**

Source: Derived by AMI from USDA and industry figures

**Retail cuts on semi-boneless basis. Fully boneless would show lower retail weight.*

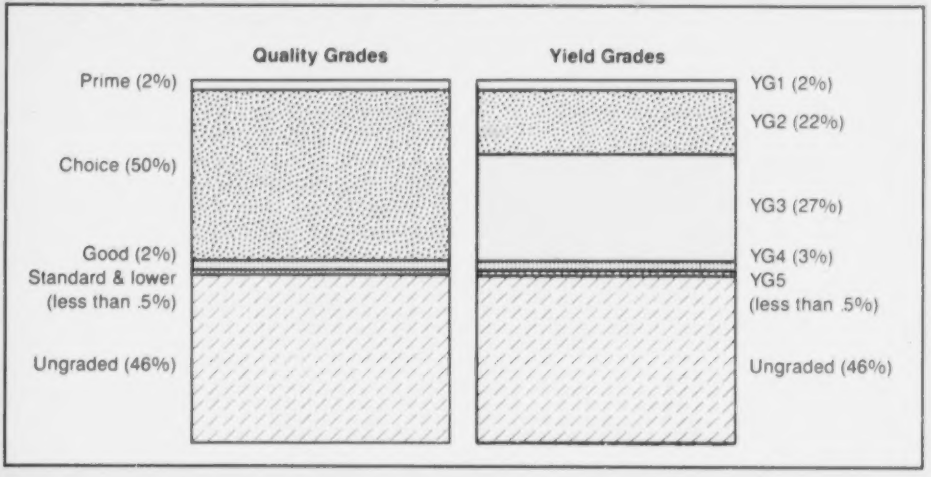
Beef Quality and Yield Graded, 1975–81 and 1983–85

	1975	1976	1977	1978	1979	1980	1981*	1983*	1984	1985
	Million Pounds									
QUALITY GRADED										
Prime	524	1,372	1,189	826	730	722	624	472	363	456
Choice	7,893	11,067	11,617	11,844	10,671	10,800	10,954	11,152	10,829	11,875
Good	1,316	892	719	643	490	516	431	423	430	386
Standard	72	58	38	28	19	26	16	13	12	11
Commercial	39	85	85	47	18	19	19	13	8	8
Utility	315	364	264	141	52	50	67	48	43	35
Cutter and Canner	53	74	22	12	5	4	7	1	1	4
Total	**10,211**	**13,912**	**13,934**	**13,542**	**11,985**	**12,137**	**12,118**	**12,121**	**11,686**	**12,774**
YIELD GRADED										
Grade #1	153	260	335	294	214	200	229	275	406	461
Grade #2	2,808	3,941	4,306	4,121	3,470	3,502	3,671	4,221	4,923	5,195
Grade #3	5,742	8,033	7,982	7,906	7,044	7,088	6,928	6,672	5,767	6,387
Grade #4	298	1,331	1,156	1,093	1,115	1,179	1,140	856	550	667
Grade #5	27	217	155	128	142	170	149	97	40	63
Total	**9,028**	**13,782**	**13,934**	**13,542**	**11,985**	**12,137**	**12,118**	**12,121**	**11,686**	**12,774**
Total Commercial Beef Production	**23,673**	**25,667**	**24,986**	**24,010**	**21,261**	**21,470**	**22,214**	**23,058**	**23,416**	**23,557**

Source: U.S. Department of Agriculture

**1982 not available; 1983 estimated by U.S.D.A.*

Percentage of Beef Graded, 1985



Hamburger and Beef: Consumption and Prices, 1971–85

	PER CAPITA CONSUMPTION				PRICES	
	HAMBURGER	PROCESSED BEEF[1]	BEEF CUTS	TOTAL BEEF	HAMBURGER[2]	CHOICE BEEF
	Pounds Retail				Dollars Per Pound	
1971	17.0	8.8	57.6	83.4	0.68	1.08
1972	16.9	8.7	59.8	85.4	0.74	1.19
1973	16.6	8.5	55.4	80.5	0.96	1.42
1974	20.1	10.3	55.2	85.6	0.97	1.46
1975	24.0	12.4	51.5	87.9	0.88	1.55
1976	24.2	12.5	57.7	94.4	0.88	1.48
1977	22.8	11.8	57.2	91.8	0.85	1.48
1978	20.6	10.6	56.0	87.2	0.99	1.82
1979	17.6	9.1	51.3	78.0	1.32	2.26
1980	18.4	9.5	48.6	76.5	1.36	2.38
1981	18.9	9.8	48.5	77.2	1.33	2.39
1982	19.1	9.9	48.2	77.2	1.32	2.43
1983	19.1	9.9	49.6	78.6	1.29	2.38
1984	19.6	10.1	48.8	78.5	1.28	2.40
1985	18.3	9.4	51.4	79.1	1.24	2.33

Source: Consumption data derived by AMI from government data; price data from U.S. Department of Labor, Bureau of Labor Statistics

[1]*Includes beef sausage, bologna, and luncheon meats but excludes cured briskets and cooked beef*

[2]*1978–83 estimated based on Consumer Price Index for ground beef*

Meat Products Processed Under Federal Inspection, 1985

ITEM	1985 52 Weeks Ending Dec. 31, 1985 (Thousand Pounds)
CURED	
Beef Briskets	124,736
Other Beef	142,383
Pork	3,589,377
Other Meats	44,045
SMOKED DRIED OR COOKED	
Hams	
Bone-In	78,307
Bone-In, Water Added	316,567
Semi-Boneless	10,230
Semi-Boneless, Water Added	76,666
Boneless	102,392
Boneless, Water Added	555,054
Sectioned & Formed	53,437
Sectioned & Formed, Water Added	344,991
Hams, Dry Cured	83,847
Total Hams	1,621,491
Pork-Regular	192,690
Pork-Water Added	281,438
Total Other Pork	474,128
Bacon	1,538,982
Total Pork	3,634,601
Beef, Cooked	315,363
Beef, Dried	25,863
Other Meats	267,709
FRESH/FROZEN PRODUCTS	
Beef Cuts	7,349,398
Beef Boning	7,492,107
Pork Cuts	9,461,722
Pork Boning	3,406,687
Other Cuts	539,382
Other Boning	213,502
Mechanically Processed Beef	2,175
Mechanically Processed Pork	19,776
Mechanically Processed Other	5,866
Steaks, Chops, Roasts	1,618,461
Steaks, Chops (Chopped-Formed)	287,304
Meat Patties	446,147
Hamburger/Ground Beef	2,946,900
Other Fresh/Frozen	1,566,009
CONVENIENCE FOODS	
Pizza	545,729
Pies	325,921
Dinners	195,920
Entrees	600,426
Other	289,977

Meat Products Processed Under Federal Inspection, 1985 (Continued)

ITEM	1985 52 Weeks Ending Dec. 31, 1985 (Thousand Pounds)
SAUSAGE	
Fresh Beef	14,633
Fresh Pork	812,420
Fresh Other	269,717
Uncooked Cured	34,775
Total Fresh	1,131,545
Dried	281,731
Semi-Dried	90,836
Total Dried or Semi Dried	372,567
Franks and Wieners	
Regular-Retail	819,618
Regular-Bulk	240,266
With Extenders, Retail	47,687
With Extenders, Bulk	64,784
With Variety Meats, Retail	66,426
With Variety Meats, Bulk	3,764
With Extenders and Variety Meats, Retail	40,918
With Extenders and Variety Meats, Bulk	17,592
Total Franks and Wieners	1,301,055
Bologna	
Regular	440,323
With Extenders	25,348
With Variety Meats	106,198
With Extenders and Variety Meats	38,343
Total Bologna	610,212
Liver Sausage	99,113
Cured Meat Loaves	78,161
Other Cooked Items	825,621
Total Liver, Loaves & Other	1,002,895
Nonspecific Loaves	120,299
Other Formulated Products	264,051
Total Other Sausage	384,350
Total Sausage	4,802,624
SLICED PRODUCTS	
Bacon, Retail	869,947
Bacon, Bulk	609,013
Total Bacon	1,478,960
Ham	380,994
Sausage, Under 12 oz.	239,044
Sausage, 12 oz. or over	709,307
Other Products	359,390
Total Other Sliced	1,688,735
FATS & OILS	
Lard Rendered	747,422
Lard Refined	520,837
Edible Tallow	1,526,860
Compound-with Animal Fat	981,293

Source: U.S. Department of Agriculture

Meat Products Canned Under Federal Inspection, 1985

ITEM	1985
	Thousand Pounds
Canned Hams:	
Under 3 lbs	12,930
3 to 6 lbs	87,125
Over 6 lbs	26,572
Total	126,627
Luncheon Meat	160,331
Chili Con Carne	286,322
Meat Stew	123,869
Hash Products	62,850
Pasta Meat Products	436,003
Pork Picnics & Loins	7,642
Vienna Sausage	73,045
Franks & Wieners	1,716
Misc. Sausage Products	16,348
Deviled Ham	8,718
Potted Products & Spreads	25,898
Tamales	22,505
Sliced Dried Beef	1,881
Chopped Beef-Hamburger	11,519
Vinegar Pickled Products	10,843
By-Products, Not Pickled	2,355
Corned Beef	709
All Other, +20%, Meat	120,115
All Other, −20%, Meat	249,968
Total Canned Meats[1]	**1,749,264**

Source: U.S. Department of Agriculture

[1]Figure excludes soup, but includes all government purchases

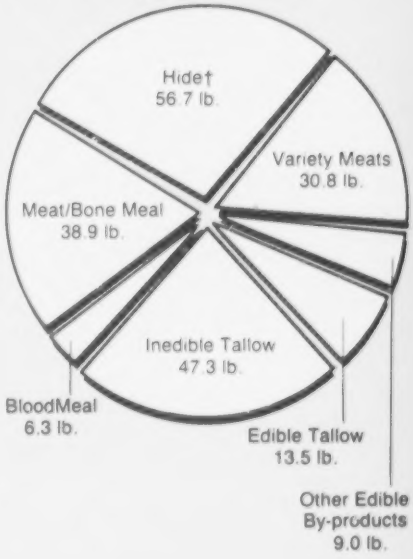
U.S. Production of Edible By-Products, Edible and Inedible Tallow, and Lard, 1970–85

	EDIBLE BY-PRODUCTS	EDIBLE TALLOW*	INEDIBLE TALLOW*	LARD
	Million Pounds			
1970	2,529	558	4,877	1,913
1971	2,627	542	4,968	1,960
1972	2,545	545	4,834	1,558
1973	2,376	475	5,237	1,254
1974	2,586	576	5,527	1,366
1975	2,510	514	4,655	1,012
1976	2,700	536	5,675	1,060
1977	2,688	769	6,106	1,037
1978	2,605	835	5,816	1,006
1979	2,533	904	5,836	1,155
1980	2,622	1,043	5,916	1,217
1981	2,627	1,130	5,868	1,167
1982	2,530	1,110	6,014	919
1983	2,643	1,260	6,128	978
1984	2,642	1,380	5,925	936
1985	2,655	1,611	5,827	929

Source: U.S. Departments of Agriculture and Commerce

**Includes tallow and greases recovered in further processing and rendering as well as in packing plants*

Cattle By-Products*



Source: Derived from U.S. Department of Agriculture data.

*Based on 1,050 lb. steer.

†Brine cured, trimmed and fleshed.

Cattlehides: Slaughter, Prices and Exports, 1970–85

	COMMERCIAL CATTLE SLAUGHTER	BUTT BRANDED STEER HIDE PRICE AT CHICAGO	EXPORTS	VALUE OF EXPORTS
	Ths. Head	Cents Per Pound	Ths. Whole Hides†	Mil. Dollars
1970	35,025	11.0	14,668	129.6
1971	35,585	11.9	15,514	132.7
1972	35,779	27.2	17,089	265.1
1973	33,687	28.6	16,659	339.3
1974	36,812	19.5	18,094	296.9
1975	40,911	20.9	21,042	259.6
1976	42,654	30.9	24,885	471.1
1977	41,856	33.5	24,163	525.5
1978	39,552	45.6	24,545	642.4
1979	33,678	66.8	22,833	905.8
1980	33,806	41.9	19,030	632.8
1981	34,953	42.0	19,509	613.6
1982	35,843	39.6	22,822	694.3
1983	36,649	46.9	21,281	728.4
1984	37,582	55.8	25,029	1,066.6
1985	36,293	51.0	24,956	991.9

Source: U.S. Departments of Agriculture and Commerce and Tanners Council of America, U.S. Leather Industry Statistics

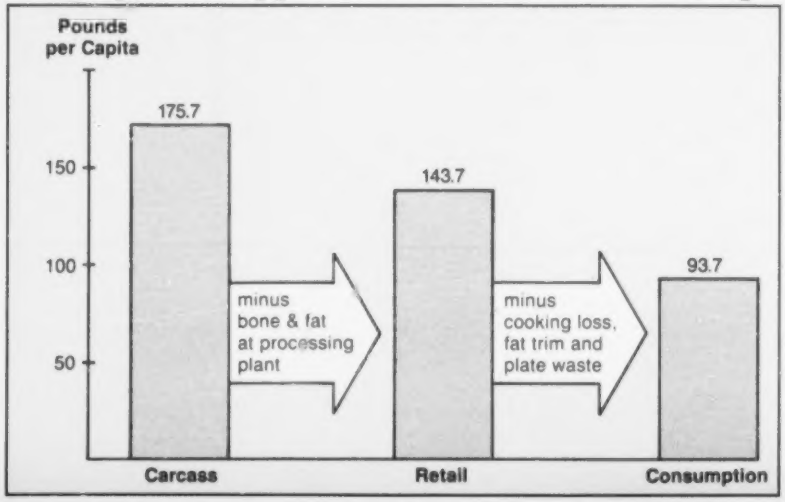
†Whole hides represent over 96% of total exports on an equivalent hide basis

Per Capita Disappearance of Red Meat, Carcass & Retail Weight Basis, 1960–85

	BEEF		VEAL		PORK		LAMB & MUTTON		TOTAL RED MEAT	
	Carcass	Retail	Carcass	Retail	Carcass	Retail	Carcass	Retail	Carcass	Retail
1960	85.1	64.2	6.1	5.2	64.9	60.3	4.8	4.3	160.9	134.0
1961	87.8	65.8	5.6	4.7	62.0	57.7	5.1	4.5	160.5	132.7
1962	88.9	66.2	5.5	4.6	63.5	59.1	5.2	4.6	163.1	134.5
1963	94.4	69.9	4.9	4.1	65.4	61.0	4.9	4.4	169.6	139.4
1964	99.9	73.9	5.2	4.3	65.4	61.0	4.2	3.7	174.7	142.9
1965	99.5	73.6	5.2	4.3	58.7	54.7	3.7	3.3	167.1	135.9
1966	104.1	77.0	4.6	3.8	58.1	54.4	4.0	3.6	170.8	138.8
1967	106.5	78.8	3.8	3.2	64.1	60.0	3.9	3.5	178.3	145.5
1968	109.7	81.2	3.6	3.0	66.2	61.4	3.7	3.3	183.2	148.9
1969	110.8	82.0	3.3	2.7	65.0	60.5	3.5	3.1	182.6	148.3
1970	113.5	84.0	2.9	2.4	66.4	62.3	3.2	2.9	186.0	151.6
1971	112.7	83.4	2.7	2.2	73.0	68.3	3.2	2.8	191.5	156.7
1972	115.5	85.4	2.2	1.9	67.4	62.9	3.3	2.9	188.4	153.1
1973	108.8	80.5	1.8	1.5	61.6	57.3	2.6	2.4	174.8	141.7
1974	115.7	85.6	2.3	1.9	66.6	61.8	2.3	2.0	186.9	151.3
1975	118.8	87.9	4.1	3.4	54.8	50.7	2.0	1.8	179.7	143.7
1976	127.5	94.4	4.0	3.3	58.2	53.7	1.8	1.6	191.5	153.0
1977	124.0	91.8	3.8	3.2	60.5	55.8	1.7	1.5	190.0	152.3
1978	117.9	87.2	2.9	2.4	60.3	55.9	1.6	1.4	182.7	146.9
1979	105.5	78.0	2.0	1 7	68.8	63.8	1.5	1.3	177.8	144.8
1980	103.4	76.5	1.8	1.5	73.5	68.3	1.5	1.4	180.2	147.7
1981	104.2	77.1	1.9	1.6	69.9	65.0	1.6	1.4	177.6	145.1
1982	104.3	77.2	2.0	1.6	62.7	59.0	1.7	1.5	170.6	139.3
1983	106.4	78.7	2.0	1.6	66.2	62.2	1.7	1.5	176.2	144.1
1984	106.2	78.6	2.2	1.8	65.7	61.7	1.7	1.5	175.7	143.7
1985	106.9	79.1	2.2	1.8	66.0	62.0	1.6	1.5	176.7	144.4

Source: U.S. Department of Agriculture

Per Capita Disappearance and Actual Consumption of Red Meat



Source: "Contribution of Red Meat to the U.S. Diet," National Live Stock and Meat Board

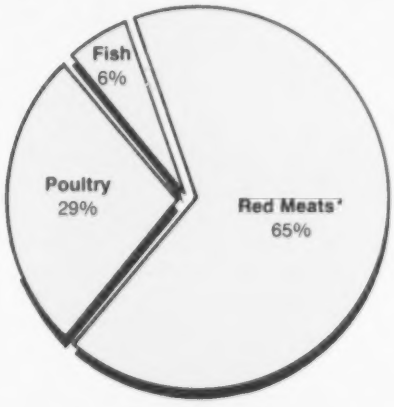
Note: Figures are for 1984

Per Capita Disappearance of Red Meat, Poultry & Fish, Retail Weight Basis, 1960–85

	TOTAL RED MEAT	VARIETY MEATS	POULTRY	FISH	TOTAL RED MEAT, POULTRY AND FISH
			Pounds		
1960	134.0	10.9	34.0	10.3	189.2
1961	132.7	10.7	37.3	10.7	191.4
1962	134.5	10.7	36.8	10.6	192.6
1963	139.4	10.1	37.6	10.7	197.8
1964	142.9	11.1	38.5	10.5	203.0
1965	135.9	10.4	40.7	10.8	197.8
1966	138.8	10.6	43.4	10.9	203.7
1967	145.5	11.1	44.9	10.6	212.1
1968	148.9	11.2	44.6	11.0	215.7
1969	148.3	11.0	46.7	11.2	217.2
1970	151.6	11.2	48.4	11.8	223.0
1971	156.7	11.3	48.5	11.5	228.0
1972	153.1	10.8	50.7	12.5	227.1
1973	141.7	9.8	48.9	12.8	213.2
1974	151.3	10.7	49.5	12.1	223.6
1975	143.7	10.2	48.6	12.2	214.6
1976	153.0	10.6	51.8	12.9	228.3
1977	152.3	10.4	53.2	12.7	228.6
1978	146.9	9.8	55.9	13.4	226.0
1979	144.8	9.6	60.5	13.0	227.9
1980	147.7	9.5	60.6	12.8	230.6
1981	145.1	9.4	62.4	12.9	229.8
1982	139.3	8.7	63.9	12.3	224.2
1983	143.9	9.1	65.1	13.1	231.2
1984	143.0	9.1	67.1	13.7	232.9
1985	144.4	9.7	70.1	14.5	238.7

Source: U.S. Department of Agriculture

Meat Consumption Shares



1985

*Includes variety meats

Beef and Pork—Nutritional Profiles[1]

BEEF

		%	Contribution to Total Recommended Dietary Intake (50% / 100%)
• Calories	192	10	
• Total Fat	9.4 g	14	
(Saturated, 4.2; Monounsaturated, 3.9; Polyunsaturated, .6)			
• Cholesterol	73 mg	24	
• Sodium	57 mg	2	
* Protein	25 g	56	
* Iron	2.6 mg	14	
* Zinc	5.9 mg	39	
* Thiamin	.08 mg	6	
* Niacin	3.4 mg	17	
* B-12	2.4 mcg	39	

PORK

		%	Contribution to Total Recommended Dietary Intake (50% / 100%)
• Calories	198	10	
• Total Fat	11.1 g	17	
(Saturated, 3.8; Monounsaturated, 5.0; Polyunsaturated, 1.3)			
• Cholesterol	79 mg	26	
• Sodium	59 mg	2	
* Protein	2.3 g	51	
* Iron	1.1 mg	6	
* Zinc	3.0 mg	20	
* Thiamin	.59 mg	39	
* Niacin	4.3 mg	22	
* B-12	.7 mcg	12	

Source: Derived from data in U.S. Department of Agriculture Handbook 8–10

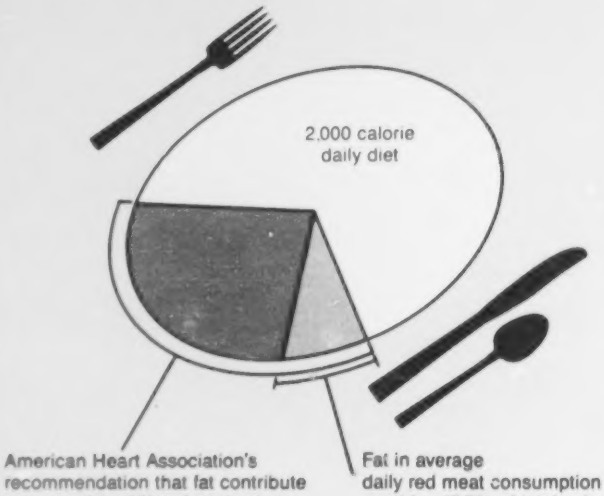
[1]Based on composite average for 3 oz. serving, roasted and trimmed

• Based on standards of comparison:
2,000 calories per day is the midpoint of the recommendation by the National Academy of Sciences for women aged 23–51. NAS also recommends a maximum of 3,300 mg sodium per day. The American Heart Association recommends that fat contribute not more than 30% of total daily calories and that cholesterol be limited to 300 mg per day.

**Based on U.S. Recommended Daily Allowances*

Red Meats and Fat

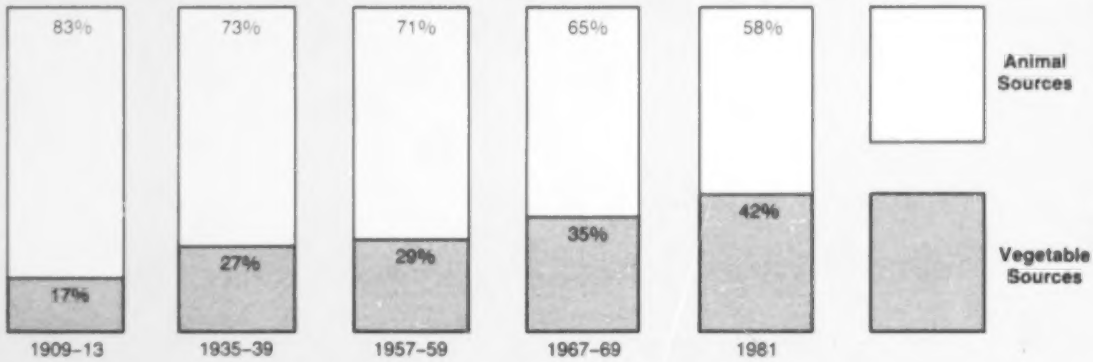
Fat and Calories from Average Daily Meat Consumption


2,000 calorie daily diet
American Heart Association's recommendation that fat contribute no more than 30% of total calories
Fat in average daily red meat consumption (4 oz.) provides 10.7% of total calories.

Saturated Fat Content of Cooked Lean Meat

MEAT	PORTION	PERCENT OF TOTAL FAT WHICH IS SATURATED
BEEF	3 oz.	48% (4.2 grams)
PORK	3 oz.	36% (3.8 grams)
LAMB	3 oz.	56% (4.2 grams)
VEAL	3 oz.	48% (5.5 grams)

Changing Sources of Dietary Fat



Source: AMI compilation of data from U.S.D.A. and R. Marston and S. Welsh, "Nutrient Content of the U.S. Food Supply, 1981," National Food Review, NFR-21, 1983

Livestock and Wholesale Meat Prices, 1978–85

LIVESTOCK PRICES

Dollars Per Hundred Pounds, Live

ITEM	1978	1979	1980	1981	1982	1983	1984	1985
Choice Steers, 900–1100 lbs. at Omaha	$52.34	$67.75	$66.96	$63.84	$64.22	$62.52	$65.34	$58.37
Choice Heifers, 700–900 lbs. at Omaha	49.76	65.48	64.26	61.16	60.67	59.74	62.20	56.55
Cows, Canner & Cutter, at Omaha	34.14	46.91	42.58	39.61	36.50	36.35	35.88	35.88
Feeder Steers, 600–700 lbs. at Kansas City	58.78	83.08	75.23	66.24	64.82	63.70	65.29	64.56
Barrows & Gilts at 7 Markets	48.49	42.06	39.48	44.05	55.07	47.33	48.98	44.50
Sows at 7 Markets	43.23	35.43	36.01	40.27	49.59	40.68	43.29	39.41
Slaughter Lambs at San Angelo	65.33	68.75	66.64	59.04	56.44	56.47	61.56	66.95

Source: U.S. Department of Agriculture

WHOLESALE MEAT PRICES AT MIDWEST

Dollars Per Hundred Pounds, Carlot Basis

ITEM	1978	1979	1980	1981	1982	1983	1984	1985
Choice Steer Beef Carcass, 600–700 lbs.	$ 80.43	$101.11	$104.44	$ 99.84	$101.31	$ 97.83	$100.09	$ 90.76
Choice Heifer Beef Carcass, 500–600 lbs.	78.58	100.00	101.86	97.48	98.54	94.45	96.62	88.48
Cow Beef, Canner and Cutter	74.61	100.48	92.45	84.06	78.96	78.48	74.70	74.13
Domestic Boneless Beef, Fresh								
90% Chemical Lean	103.77	140.99	125.94	117.52	111.10	108.99	101.13	100.84
85% Chemical Lean	96.14	130.50	121.87	108.57	105.10	101.79	94.44	94.22
50% Chemical Lean	51.99	56.47	58.75	53.85	59.04	48.87	53.56	41.71
Lamb Carcass, Choice and Prime, Spring and shorn, 55 lbs. & down	128.46	136.56	134.93	126.89	137.89	138.78	134.74	144.24
Fresh Pork Loins, 14–17 lbs.	94.58	89.84	83.66	95.39	109.71	97.29	96.36	91.51
Pork Bellies, 12–14 lbs.	62.49	45.99	43.78	52.29	76.54	61.72	60.19	59.50
Hams, Skinned, 17–20 lbs.	83.54	74.86	69.77	75.69	90.22	73.99	75.41	67.27

Source: U.S. Department of Agriculture and National Provisioner Daily Market & News Service

[1]*Figures are for the East Coast*

U.S. Average Retail Meat Prices

ITEM	1965	1970	1975	1980	1981	1982	1983	1984	1985
					Dollars Per Pound				
Beef (Choice Grade)	**.82**	**1.02**	**1.55**	**2.38**	**2.39**	**2.43**	**2.38**	**2.40**	**2.33**
Sirloin Steak	1.14	1.35	1.99	2.95	2.99	3.06	3.06	3.08	2.96
Porterhouse Steak	1.32	1.59	2.37	3.73	3.84	3.20	3.88	4.06	4.04
Round Steak	1.08	1.30	1.89	2.77	2.86	2.95	2.90	2.91	2.77
Round Roast	1.08	1.29	1.84	2.61	2.63	2.64	2.55	2.58	2.47
Rib Roast	.90	1.12	1.80	2.95	3.03	3.22	3.24	3.35	3.28
Chuck Roast	.60	.73	1.03	1.82	1.82	1.79	1.74	1.68	1.57
Ground Chuck	.51	.66	.88	1.83	1.80	1.78	1.73	1.72	1.68
Beef Liver	.57	.68	.87	1.17	1.13	1.02	.97	.98	.96
Fresh Pork	**.65**	**.77**	**1.35**	**1.40**	**1.52**	**1.75**	**1.70**	**1.62**	**1.62**
Pork Chops	.97	1.16	1.86	1.95	2.13	2.39	2.37	2.38	2.34
Sliced Bacon	.81	.95	1.76	1.46	1.67	2.05	1.94	1.86	1.94
Smoked Picnic	.45	.57	.90	.99	1.04	1.15	1.05	1.01	1.02
Canned Ham	.98	1.21	1.94	2.32	2.46	2.65	2.67	2.56	2.56
Fresh Pork Sausage	.60	.79	1.43	1.41	1.61	1.88	1.87	1.71	1.74
Frankfurters	.66	.83	1.19	1.72	1.77	1.82	1.81	1.80	1.81
Bologna	.43	.56	.80	2.01	2.11	2.21	2.18	2.13	2.11
Poultry									
Broilers	.39	.41	.63	.72	.74	.72	.73	.81	.76
Turkeys	.48	.56	.73	.89	.98	.93	.92	.99	1.05

Source: U.S. Department of Labor, Bureau of Labor Statistics

Consumer and Producer Price Indices, 1978–85

ITEM	1978	1979	1980	1981	1982	1983	1984	1985
				(1967=100)				
CONSUMER PRICE INDICES								
All Items	195.4	217.4	246.8	272.4	289.1	298.4	311.1	322.2
All Foods	211.4	234.5	254.6	275.2	285.7	291.7	302.9	309.8
Food at Home	210.2	232.9	251.5	269.9	279.2	282.2	292.6	296.8
Food Away	218.4	218.4	267.0	291.0	306.5	319.9	333.4	346.6
All Meats	206.8	241.9	248.8	257.8	270.3	267.2	268.1	265.5
Beef and Veal	201.0	255.8	270.3	272.6	276.5	272.3	275.6	269.7
Pork	213.1	216.4	209.1	228.6	258.1	255.8	252.5	253.1
Other Meats	208.8	239.5	248.6	259.2	267.0	266.0	267.1	268.8
PRODUCER PRICE INDICES								
Total Finished Goods	195.9	217.7	247.0	269.8	280.5	285.2	291.1	293.8
All Commodities	209.3	235.6	268.8	293.4	299.3	303.1	310.3	308.7
All Meats	209.6	233.8	235.9	239.0	250.6	236.4	236.8	227.9
Beef and Veal	202.2	252.2	260.2	246.8	245.0	236.3	237.1	221.3
Pork	219.1	204.9	196.7	218.1	251.1	227.5	226.5	223.8
Other Meats	211.4	227.4	229.8	250.6	266.1	250.9	251.3	250.1

Source: U.S. Department of Labor

Per Capita Income and Red Meat Expenditures, 1965–85

	Disposable Personal Income	Red Meat[1] Expenditures	Expenditures as Percent of: Disposable Personal Income	Expenditures as Percent of: Total Food Expenditures
1965	$ 2,505	$101.89	4.07%	22.75%
1966	2,675	111.64	4.17	23.86
1967	2,828	116.12	4.11	24.51
1968	3,037	124.60	4.10	24.87
1969	3,239	133.69	4.13	25.13
1970	3,489	136.00	3.90	23.73
1971	3,740	143.81	3.85	24.06
1972	4,000	156.71	3.92	24.65
1973	4,481	189.26	4.22	26.53
1974	4,855	190.69	3.93	23.57
1975	5,291	209.29	3.96	23.93
1976	5,744	210.00	3.66	22.37
1977	6,262	216.22	3.45	21.56
1978	6,968	254.55	3.65	23.02
1979	7,682	296.57	3.86	24.10
1980	8,421	287.93	3.42	21.40
1981	9,243	292.08	3.16	20.30
1982	9,724	299.18	3.08	19.96
1983	10,328	301.78	2.92	19.30
1984	11,263	298.68	2.65	18.09
1985	11,703	294.58	2.52	17.22

Source: Derived from data provided by U.S. Departments of Agriculture and Commerce

[1]Beef, veal, pork and mutton. Expenditures for veal, lamb and mutton from 1981 onwards estimated by AMI

Consumer Expenditures for Meat, Poultry and Fish in Grocery Stores, 1984 & 1974

ITEM	1984	% OF FOOD & BEVERAGES	% OF TOTAL	1974	% OF FOOD & BEVERAGES	% OF TOTAL	% CHANGE 1974–1984
	($ Mil.)	(Percent)		($ Mil.)	(Percent)		
Fresh Meat	**$ 26,699**	**13.9%**	**10.6%**	**$ 13,135**	**14.2%**	**11.2%**	**+105%**
Beef	21,368	11.0	8.4	9,701	10.5	8.3	+120
Veal	686	.4	.3	803	.9	.7	−15
Lamb	1,080	.6	.4	551	.6	.5	+96
Pork	3,834	2.0	1.5	2,080	2.2	1.8	+84
Processed Meats	**13,090**	**6.8**	**5.2**	**9,084**	**9.8**	**7.7**	**+44**
Cured Hams & Picnics	2,238	1.2	.9	1,455	1.6	1.2	+54
Packaged Bacon	2,228	1.2	.9	1,648	1.8	1.4	+35
Frankfurters	1,486	.8	.6	1,034	1.1	.9	+44
Sausages	1,110	.6	.4	581	.6	.5	+91
Other Sausage Products	2,773	1.4	1.1	1,615	1.7	1.4	+72
Cold Cuts & Other	3,255	1.7	1.3	2,751	3.0	2.3	+18
Frozen Meat	**265**	**.1**	**.1**	**159**	**.2**	**.1**	**+67**
Canned Meat	**1,495**	**.8**	**.6**	**1,190**	**1.3**	**1.0**	**+26**
Total Above	**41,819**	**21.6**	**16.5**	**23,568**	**25.4**	**20.0**	**+77**
Poultry	**8,125**	**4.2**	**3.2**	**3,843**	**4.1**	**3.3**	**+111**
Fresh	6,447	3.3	2.5	2,850	3.0	2.4	+126
Frozen	1,581	.8	.6	937	1.0	.8	+69
Canned	97	.1	*	56	.1	*	+73
Fish & Seafood	**4,842**	**2.5**	**1.9**	**1,879**	**2.0**	**1.6**	**+158**
Fresh	2,446	1.3	1.0	818	.9	.7	+199
Frozen	618	.3	.2	281	.3	.2	+120
Canned	1,778	.9	.7	780	.8	.7	+128
Total Meat, Poultry & Seafood	**54,786**	**28.3**	**21.6**	**29,290**	**31.6**	**24.9**	**+87**
Total Grocery Store Sales	**253,704**	—	**100.0**	**117,590**	—	**100.0**	**+116**
Food & Beverages	193,788	100.0	76.4	92,713	100.0	78.8	+109
Non-Foods & General Merchandise	59,916	—	23.6	24,877	—	21.2	+141

Source: Compiled from **Supermarket Business** *magazine*

**Less than 0.05%*

Employment and Earnings for Meat Packing and Meat Processing Industries Compared with All Food and All Manufacturing

ITEM	UNIT	1965	1975	1980	1983	1984	1985
MEAT PACKING							
Total Employees	Thousand	193.3	168.2	160.6	143.4	146.7	148.5
Production Workers	Thousand	149.1	135.7	131.3	116.7	121.1	123.3
Avg. Weekly Earnings	Dollars	$126.18	$234.74	$351.49	$354.35	$334.15	$332.91
Avg. Weekly Hours	Hours	42.4	41.4	41.4	41.3	40.9	41.1
Avg. Hourly Earnings	Dollars	$2.99	$5.67	$8.49	$8.58	$8.17	$8.10
MEAT PROCESSING							
Total Employees	Thousand	52.0	67.2	70.1	72.4	72.7	73.3
Production Workers	Thousand	37.2	47.3	51.5	53.8	53.7	53.7
Avg. Weekly Earnings	Dollars	$114.54	$217.62	$317.56	$362.80	$353.82	$351.42
Avg. Weekly Hours	Hours	41.2	40.6	39.4	40.0	39.8	40.3
Avg. Hourly Earnings	Dollars	$2.78	$5.36	$8.06	$9.07	$8.89	$8.72
ALL FOOD							
Total Employees	Thousand	1,756.7	1,657.5	1,708.0	1,614.8	1,618.6	1,635.5
Production Workers	Thousand	1,159.1	1,120.3	1,174.6	1,113.7	1,124.0	1,143.8
Avg. Weekly Earnings	Dollars	$99.87	$185.78	$271.95	$323.51	$333.52	$341.60
Avg. Weekly Hours	Hours	41.1	40.3	39.7	39.5	39.8	40.0
Avg. Hourly Earnings	Dollars	$2.43	$4.61	$6.85	$8.19	$8.38	$8.54
ALL MANUFACTURING							
Total Employees	Thousand	18,062.0	18,323.0	20,285.0	18,434.0	19,412.0	19,426.0
Production Workers	Thousand	13,434.0	13,043.0	14,214.0	12,530.0	13,310.0	13,214.0
Avg. Weekly Earnings	Dollars	$107.53	$190.79	$288.62	$354.08	$373.63	$385.56
Avg. Weekly Hours	Hours	41.2	39.5	39.7	40.1	40.7	40.6
Avg. Hourly Earnings	Dollars	$2.61	$4.83	$7.27	$8.83	$9.18	$9.52

Source: U.S. Department of Labor

Sales, Raw Materials Costs, Expenses and Net Earnings of the Meat Packing Industry, 1979–1984

ITEM	MILLION DOLLARS					
	1979	1980	1981	1982	1983	1984
Total Sales	**$47,650**	**$47,925**	**$48,525**	**$49,500**	**$48,950**	**49,475**
Cost of Livestock and Other Raw Materials	37,850	37,575	38,125	38,950	38,425	39,025
Gross Margin	**9,800**	**10,350**	**10,400**	**10,550**	**10,525**	**10,450**
Operating Expenses						
Wages and Salaries	3,511	3,761	3,795	3,660	3,581	3,495
Employee Benefits						
Retirement Expense	227	234	216	184	171	123
Payroll Taxes	253	282	287	293	290	283
Insurance & Hospitalization	268	317	370	373	380	367
Vacation, Holiday & Sick Leave	252	268	285	281	251	242
All Other Benefits	48	52	52	54	71	52
Total Benefits	1,048	1,153	1,210	1,185	1,163	1,067
Interest	161	161	168	162	161	151
Depreciation	298	306	316	328	344	357
Rents	106	109	122	131	157	154
Taxes*	77	77	66	62	67	63
Supplies & Containers	1,444	1,574	1,568	1,570	1,574	1,620
All Other Expenses	2,313	2,387	2,525	2,680	2,758	2,816
Total Operating Expenses	**8,958**	**9,528**	**9,770**	**9,778**	**9,805**	**9,723**
Income Before Taxes	842	822	630	772	720	727
Income Taxes	354	342	287	344	325	308
Net Income	**488**	**480**	**343**	**428**	**395**	**419**
	PERCENT OF TOTAL SALES					
Total Sales	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**
Cost of Livestock and Other Raw Materials	79.4	78.4	78.6	78.7	78.5	78.9
Gross Margin	**20.6**	**21.6**	**21.4**	**21.3**	**21.5**	**21.1**
Operating Expenses						
Wages and Salaries	7.4	7.8	7.8	7.4	7.3	7.1
Employee Benefits						
Retirement Expense	.5	.5	.4	.4	.4	.3
Payroll Taxes	.5	.6	.6	.6	.6	.6
Insurance & Hospitalization	.6	.7	.8	.7	.8	.7
Vacation, Holiday & Sick Leave	.5	.6	.6	.6	.5	.5
All Other Benefits	.1	.1	.1	.1	.2	.1
Total Benefits	2.2	2.5	2.5	2.4	2.4	2.2
Interest	.3	.3	.3	.3	.3	.3
Depreciation	.6	.6	.6	.6	.7	.7
Rents	.2	.2	.3	.3	.3	.3
Taxes*	.2	.2	.1	.1	.1	.1
Supplies & Containers	3.0	3.3	3.2	3.2	3.2	3.3
All Other Expenses	4.9	5.0	5.2	5.4	5.6	5.7
Total Operating Expenses	**18.8**	**19.9**	**20.1**	**19.7**	**20.0**	**19.7**
Income Before Taxes	1.8	1.7	1.3	1.6	1.5	1.4
Income Taxes	.8	.7	.6	.7	.7	.6
Net Income	**1.0**	**1.0**	**.7**	**.9**	**.8**	**.8**

Source: American Meat Institute

**Other than Social Security and Income Taxes*

Breakdown of Meat Packers' Sales Dollar by Species Slaughtered[1], 1983 & 1984

ITEM	CATTLE PACKERS 1983	CATTLE PACKERS 1984	HOG PACKERS 1983	HOG PACKERS 1984
	Percent of Total Sales			
Total Sales	**100.0%**	**100.0%**	**100.0%**	**100.0%**
Cost of Livestock	85.4	85.7	69.6	67.9
Gross Margin	**14.6**	**14.3**	**30.4**	**32.1**
Operating Expenses				
Wages & Salaries	5.0	4.9	11.1	10.8
Employee Benefits				
Retirement	.1	.1	.7	.4
Payroll Taxes	.4	.4	.8	.9
Insurance	.5	.5	1.3	1.3
Vacation	.2	.2	.8	.7
Other	.1	.1	.3	.2
Total Benefits	1.3	1.3	3.9	3.4
Interest	.2	.2	.6	.6
Depreciation	.5	.5	1.1	1.2
Rents	.3	.3	.4	.4
Taxes	.1	.1	.2	.2
Supplies	1.7	1.7	5.3	5.7
All Other	4.3	4.4	6.3	7.5
Total Operating Expenses	**13.5**	**13.4**	**28.8**	**29.8**
Earnings Before Taxes	1.1	.8	1.6	2.3
Income Taxes	.4	.3	1.0	1.1
Net Earnings	**.7**	**.6**	**.6**	**1.2**

Source: American Meat Institute

May not add because of rounding

Financial Ratios for Meat Packers Compared with All Manufacturers, 1984

Industry Segment	EARNINGS AS % OF Sales	EARNINGS AS % OF Assets	EARNINGS AS % OF Net Worth	Sales to Assets Ratio
Meat Packing Industry	.9%	5.4%	10.3%	6.3%
Beef Packers[1]	.6	5.1	10.1	8.9
Pork Packers[1]	1.2	4.9	9.0	3.9
Total Manufacturing	**4.6**	**5.8**	**12.2**	**1.3**

Source: American Meat Institute and U.S. Department of Commerce

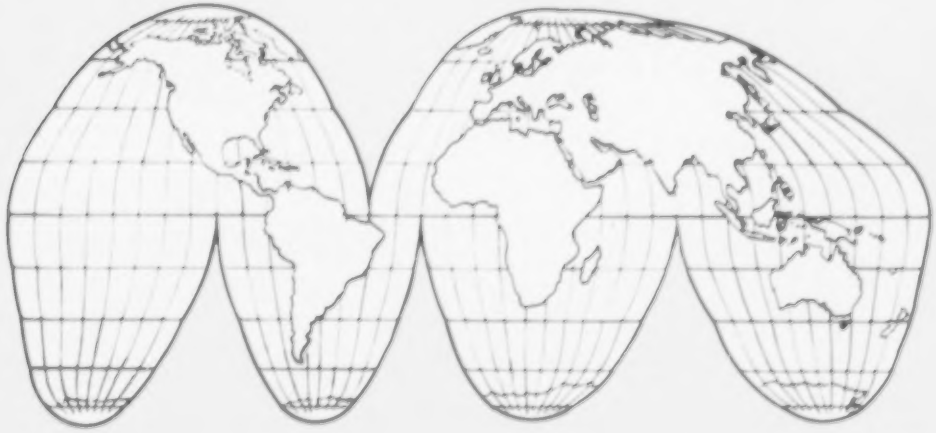
[1]*Defined as companies participating in the AMI annual survey whose slaughter of the designated species accounted for over 75% of total liveweight slaughtered*

Meat Animals, Meat and Meat Products: Value of United States Imports and Exports, 1983–85

COMMODITY	IMPORTS			EXPORTS		
	1983	1984	1985	1983	1984	1985
	Million Dollars					
LIVE ANIMALS						
Cattle and Calves	312.6	285.8	306.5	44.0	56.5	122.3
Hogs	56.8	155.6	127.8	10.6	8.0	7.9
Sheep and Lambs	0.5	1.1	1.8	6.8	11.2	15.9
MEAT						
Beef and Veal	1,362.9	1,228.4	1,276.5	391.8	469.6	467.2
Pork	610.6	754.9	861.2	183.5	113.3	76.0
Lamb, Mutton & Goat	23.5	14.1	32.9	4.6	5.7	5.8
Processed Meats[1]	6.4	6.7	7.8	9.0	7.7	8.1
Tallow, Greases and Lard	1.2	3.0	2.9	587.2	676.1	601.8
Variety Meats and Edible Offal	23.7	22.7	26.4	324.9	329.9	346.3
Casings	52.7	50.0	56.8	19.0	17.2	14.4
Hides and Skins	58.6	61.3	65.5	786.1	1,148.4	1,064.4
Wool and Mohair	139.7	168.4	130.5	45.1	39.7	42.3
TOTAL	**2,649.2**	**2,752.0**	**2,896.6**	**2,413.4**	**2,883.3**	**2,772.4**

Source: U.S. Department of Agriculture

[1]Imports include mixed sausage and other meats. Exports include sausage, canned meats and other meats



U.S. Imports, Exports, and Net Imports of Beef and Veal, Pork, Lamb and Mutton, and Total Meat in Relation to Domestic Production, 1976–85[1]

	PRODUCTION	IMPORTS	EXPORTS & SHIPMENTS	NET IMPORTS	PERCENTAGE OF U.S. PRODUCTION		
					IMPORTS	EXPORTS	NET IMPORTS
	Million Pounds				Percent		
			BEEF AND VEAL				
1976	26,822	2,095	170	1,925	7.8%	6%	7.2%
1977	26,113	1,963	181	1,782	7.5	.7	6.8
1978	24,874	2,321	221	2,100	9.3	.9	8.4
1979	21,880	2,431	222	2,209	11.1	1.0	10.1
1980	22,044	2,085	223	1,862	9.5	1.0	8.4
1981	22,825	1,761	258	1,503	7.7	1.1	6.6
1982	22,984	1,958	310	1,648	8.5	1.3	7.2
1983	23,695	1,950	317	1,633	8.2	1.3	6.9
1984	24,091	1,847	383	1,464	7.7	1.6	6.1
1985	24,242	2,268	384	1,884	9.4	1.6	7.8
			PORK				
1976	12,415	469	421	48	3.8	3.4	.4
1977	13,247	439	399	40	3.3	3.0	.3
1978	13,393	495	421	74	3.7	3.1	.6
1979	15,450	499	448	51	3.2	2.9	.3
1980	16,615	550	417	133	3.3	2.5	.8
1981	15,875	541	452	89	3.4	2.8	.6
1982	14,229	612	365	247	4.3	2.6	1.7
1983	15,202	702	361	341	4.6	2.4	2.2
1984	14,812	954	311	643	6.4	2.1	4.3
1985	14,805	1,128	259	969	7.6	1.7	5.9
			LAMB AND MUTTON				
1976	371	36	7	29	9.7	1.9	7.8
1977	351	22	6	16	6.3	1.7	4.6
1978	309	39	4	35	12.6	1.3	11.3
1979	275	44	3	41	16.0	1.1	15.0
1980	318	33	4	29	10.4	1.3	9.1
1981	338	31	5	26	9.2	1.5	7.7
1982	365	19	4	15	5.2	1.1	4.1
1983	376	19	4	15	5.1	1.1	4.0
1984	380	20	5	15	5.3	1.3	3.9
1985	357	36	3	33	10.0	.8	9.2
			TOTAL MEAT				
1976	39,608	2,600	598	2,002	6.6	1.5	5.1
1977	39,711	2,424	586	1,838	6.1	1.5	4.6
1978	38,576	2,856	646	2,210	7.4	1.7	5.7
1979	37,623	2,974	673	2,301	7.9	1.8	6.1
1980	38,977	2,664	642	2,022	6.8	1.6	5.2
1981	39,038	2,333	715	1,618	6.0	1.8	4.1
1982	37,578	2,589	679	1,910	6.9	1.8	5.1
1983	39,272	2,670	682	1,988	6.8	1.7	5.1
1984	39,283	2,821	699	2,122	7.2	1.8	5.4
1985	39,404	3,432	646	2,786	8.7	1.6	7.1

Source: U.S. Department of Agriculture [1]*Carcass weight equivalent*

U.S. Imports of Selected Red Meat Products by Major Markets, 1984–85

Product and Country	QUANTITY (Million Pounds) 1984	QUANTITY (Million Pounds) 1985	VALUE (Million Dollars) 1984	VALUE (Million Dollars) 1985
Boneless Beef	**1,046.6**	**1,212.5**	**$943.5**	**$996.8**
Australia	514.1	580.0	457.6	467.9
New Zealand	299.1	369.8	272.5	306.3
Canada	120.4	122.2	104.9	98.9
Costa Rica	43.3	53.2	44.6	50.6
Guatemala	19.1	29.5	16.0	22.4
Dominican Republic	1.5	17.9	1.9	17.1
Honduras	22.4	14.5	21.9	11.7
Nicaragua	10.5	10.8	9.8	9.9
Canned Beef	**128.5**	**142.8**	**124.5**	**136.1**
Brazil	78.9	72.8	76.9	66.1
Argentina	43.0	65.2	40.0	64.1
Fresh or Frozen Pork	**458.1**	**561.2**	**335.5**	**392.9**
Canada	345.2	403.9	248.2	278.0
Denmark	96.9	139.2	74.2	101.4
Canned Hams & Shoulders	**296.5**	**337.9**	**388.0**	**432.3**
Denmark	147.2	176.3	204.7	236.2
Poland	56.6	70.7	77.0	90.4
Hungary	23.6	30.6	28.9	35.4
Yugoslavia	31.0	20.6	30.3	20.5
Netherlands	20.9	19.5	27.5	25.5

Source: U.S. Department of Commerce

U.S. Exports of Selected Red Meat and Livestock Products by Major Markets, 1984–85

Product and Country	Quantity (Million Pounds) 1984	Quantity (Million Pounds) 1985	Value (Million Dollars) 1984	Value (Million Dollars) 1985
Boneless Beef	**192.8**	**196.4**	**$367.5**	**$379.2**
Japan	164.2	173.0	308.8	332.1
Canada	10.6	8.8	20.1	16.0
Other Fresh or Frozen Beef and Veal	**40.9**	**36.8**	**83.6**	**74.7**
Canada	13.5	9.3	22.6	15.2
Japan	6.9	9.0	13.4	18.5
Saudi Arabia	3.0	3.1	9.1	8.5
Fresh or Frozen Pork	**101.6**	**75.8**	**97.0**	**61.7**
Japan	41.7	20.2	62.1	32.6
Mexico	22.9	21.4	8.6	8.0
Canada	10.2	5.5	11.6	6.2
Variety Meats	**470.0**	**545.8**	**271.7**	**298.4**
Japan	76.4	88.2	77.3	84.0
Mexico	84.1	132.0	31.5	50.7
France	86.7	85.5	46.2	47.4
Egypt	52.1	64.8	24.2	24.8
Canada	35.0	24.9	22.1	22.0
United Kingdom	41.7	56.4	15.3	19.3
Netherlands	21.4	19.7	9.0	8.6
Belgium-Luxembourg	18.4	9.4	10.8	3.5
Inedible Tallow	**2,695.8**	**2,679.8**	**617.3**	**538.1**
Egypt	535.0	456.0	124.0	97.4
Mexico	229.1	232.0	56.0	47.9
Pakistan	218.5	199.2	49.5	39.9
Netherlands	179.1	217.6	38.4	38.5
South Korea	182.9	174.7	40.5	33.7
U.S.S.R.	122.4	146.9	29.7	30.9
Colombia	113.8	113.3	24.4	22.2
Cattle Hides (Whole)	**—**	**—**	**1,066.6**	**991.9**
Japan	—	—	305.0	276.1
South Korea	—	—	242.6	267.4
Taiwan	—	—	117.3	112.2
Mexico	—	—	81.7	91.5
Italy	—	—	50.2	45.5
Romania	—	—	41.5	41.0

Source: U.S. Department of Commerce

U.S. Canned Ham Imports by Country, 1970–85

	Denmark	Nether-lands	Czecho-slovakia	Hungary	Poland	Yugo-slavia	Romania	Other
				Million Pounds				
1970	104.3	80.9	2.5	3.5	45.7	10.5	—	4.2
1971	116.6	81.0	1.8	4.6	46.1	10.7	.4	4.0
1972	135.7	74.3	.6	6.2	59.6	15.0	3.9	4.0
1973	126.4	92.4	.3	5.0	54.0	19.0	6.0	4.1
1974	112.0	77.7	.8	7.8	58.0	19.6	8.4	4.0
1975	88.5	68.6	.3	9.8	75.1	26.4	5.9	3.1
1976	84.2	52.6	1.4	11.3	75.9	30.1	6.7	4.9
1977	87.7	32.9	1.6	12.9	71.2	34.4	8.0	3.0
1978	88.1	19.8	2.7	15.2	79.9	43.3	9.9	3.5
1979	71.5	7.6	3.2	15.6	90.0	32.4	13.2	2.4
1980	57.7	7.1	3.4	14.4	90.7	19.3	13.1	4.6
1981	70.7	13.7	3.5	14.0	55.9	21.8	11.6	6.6
1982	96.0	18.7	3.5	12.8	34.2	26.0	5.8	9.2
1983	122.8	18.3	1.4	20.3	58.5	21.7	7.1	9.1
1984	147.2	20.9	1.8	23.6	56.6	31.0	5.2	10.2
1985	176.3	19.5	2.6	30.6	70.7	20.6	3.4	14.2

Source: U.S. Department of Commerce

U.S. Ham Production and Imports, 1970–85

	FEDERALLY INSPECTED HAM PRODUCTION						CANNED HAM IMPORTS[2]	CANNED HAM[3] AS % OF TOTAL HAM CONSUMPTION
	Smoked, Dried, or Cured					Canned		
	Bone-In	Semi-Boneless	Boneless[1]	Dry Cured	Total			
				Million Pounds, Product Weight				
1970	N.A.	N.A.	315.8	N.A.	1,245.9	373.8	251.6	25.0%
1971	N.A.	N.A.	372.2	N.A.	1,388.2	410.4	265.1	24.2
1972	N.A.	N.A.	355.1	N.A.	1,309.5	354.1	299.3	26.6
1973	N.A.	N.A.	308.5	N.A.	1,190.9	341.3	307.1	28.5
1974	N.A.	N.A.	351.9	N.A.	1,369.1	351.3	288.5	26.8
1975	N.A.	N.A.	382.4	N.A.	1,219.3	249.3	277.9	26.9
1976	N.A.	N.A.	472.1	N.A.	1,423.5	251.0	267.2	26.2
1977	496.3	140.1	814.8	67.5	1,518.7	275.7	251.6	25.2
1978	475.9	136.9	894.6	90.5	1,597.9	272.0	262.4	25.0
1979	542.8	163.6	1,038.5	93.5	1,838.4	287.8	236.0	21.7
1980	515.9	138.3	1,112.7	90.6	1,857.6	308.3	210.2	19.7
1981	492.0	177.3	1,165.3	81.5	1,856.0	246.8	197.8	18.3
1982	420.8	98.9	1,056.1	83.0	1,658.9	194.0	206.2	17.9
1983	473.3	101.1	1,168.1	91.3	1,833.8	190.3	259.2	18.1
1984	437.2	96.1	1,133.4	92.0	1,758.8	155.2	296.5	18.2
1985	394.9	86.9	1,055.9	83.8	1,621.5	126.6	337.9	18.9

Source: Derived from data provided by U.S. Departments of Agriculture and Commerce

[1]*1977-to-Date includes sectioned and formed*

[2]*Includes shoulders*

[3]*Imported and Domestic*

N.A.—Not Available

Totals may not add because of rounding

World Meat Trade in Selected Countries, 1985

	BEEF & VEAL		PORK		LAMB & MUTTON	
	Imports	Exports	Imports	Exports	Imports	Exports
	Thousand Metric Tons					
NORTH AMERICA						
Canada	110	113	20	205	N.A.	N.A.
Mexico	7	0	1	1	N.A.	N.A.
United States	948	151	512	58	16	1
CENTRAL AMERICA						
Costa Rica	N.A.	28	N.A.	N.A.	N.A.	N.A.
Guatemala	N.A.	10	N.A.	N.A.	N.A.	N.A.
Honduras	N.A.	8	N.A.	N.A.	N.A.	N.A.
Nicaragua	N.A.	9	N.A.	N.A.	N.A.	N.A.
SOUTH AMERICA						
Argentina	N.A.	260	N.A.	N.A.	N.A.	11
Brazil	20	530	N.A.	10	N.A.	N.A.
Uruguay	0	100	N.A.	N.A.	N.A.	11
WESTERN EUROPE						
Belgium-Luxembourg	31	81	36	267	12	4
Denmark	7	170	0	820	2	N.A.
France	320	430	373	69	67	4
West Germany	302	434	504	111	27	1
Greece	135	N.A.	67	N.A.	16	N.A.
Ireland	11	293	22	35	N.A.	19
Italy	450	110	400	55	16	N.A.
Netherlands	50	275	40	790	1	9
United Kingdom	343	213	553	50	150	54
European Community*	339	825	90	368	211	5
Austria	5	47	0	8	N.A.	N.A.
Spain	29	1	8	1	1	1
Finland	0	20	N.A.	14	N.A.	N.A.
Sweden	5	33	4	76	N.A.	N.A.
EASTERN EUROPE						
Czechoslovakia	10	70	5	30	0	3
East Germany	0	35	0	210	N.A.	5
Hungary	5	40	0	190	0	4
Poland	2	15	30	85	18	N.A.
Romania	0	70	5	90	N.A.	40
U.S.S.R.	510	30	150	N.A.	50	N.A.
ASIA						
Japan	216	0	272	N.A.	159	N.A.
OCEANIA						
Australia	N.A.	692	N.A.	3	N.A.	173
New Zealand	N.A.	363	N.A.	N.A.	N.A.	581

Source: U.S. Department of Agriculture

**Excludes intra-EC trade; figures for EC countries reflect third country trade as well as intra-EC trade*

Note: Figures are reported in thousands of metric tons. A metric ton is equivalent to 2,204.6 pounds

N.A.—Not Available

Per Capita Meat Disappearance in Selected Countries, 1985

REGION & COUNTRY	BEEF & VEAL	PORK	LAMB, MUTTON & GOAT	POULTRY
		Pounds Per Person[1]		
NORTH AMERICA				
Canada	88.6	61.7	N.A.	54.7
Mexico	37.5	23.8	N.A.	19.4
United States	109.1	66.0	1.6	70.1
SOUTH AMERICA				
Argentina	178.1	N.A.	6.2	17.4
Brazil	30.0	9.3	N.A.	20.3
Colombia	48.1	8.8	N.A.	N.A.
Uruguay	114.9	N.A.	22.5	N.A.
Venezuela	40.1	14.6	N.A.	45.2
WESTERN EUROPE				
Belgium-Luxembourg	58.2	101.9	3.5	33.1
Denmark	32.4	117.9	1.3	22.9
France	69.0	76.9	9.5	38.1
West Germany	51.1	114.0	2.0	20.1
Greece	48.3	47.6	31.1	34.8
Ireland	52.2	73.6	15.4	36.2
Italy	59.1	55.8	3.3	36.6
Netherlands	37.3	89.3	.7	32.0
United Kingdom	47.0	58.0	15.4	34.6
European Community Average	54.7	78.0	7.7	32.0
Austria	49.6	111.3	N.A.	24.0
Finland	47.6	69.2	N.A.	9.5
Portugal	21.6	40.8	6.2	34.0
Spain	23.4	67.5	7.5	47.0
Sweden	35.1	65.7	N.A.	11.7
Switzerland	58.6	96.6	N.A.	19.8
MIDDLE EAST				
Israel	32.0	N.A.	N.A.	104.1
Saudi Arabia	14.3	N.A.	N.A.	69.9
AFRICA				
Egypt	24.0	N.A.	2.9	13.4
South Africa	45.0	N.A.	15.4	33.3
ASIA				
India	.9	N.A.	1.3	N.A.
China (Taiwan)	4.4	82.5	N.A.	40.8
Japan	14.1	31.5	2.9	26.9
Philippines	3.3	16.3	N.A.	N.A.
OCEANIA				
Australia	93.5	35.3	53.8	45.6
New Zealand	87.5	N.A.	61.9	N.A.

Source: U.S. Department of Agriculture

[1]Carcass weight basis

N.A.—Not Available

The American Meat Institute was founded in 1906 and represents approximately 500 meat packers and processors and 600 suppliers of equipment, products and services. The Institute serves members and the general public through its Departments of Communications, Congressional Relations, Consumer Affairs, Convention and Meetings, Economic Research, Legal, Member Services, Regulatory Affairs, Scientific Affairs.

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MEAT FACTS

1987 EDITION

Meatfacts 1987

This is the seventeenth annual edition of MEATFACTS, a statistical summary of the U.S. meat industry.

The data on the following pages provide an overview of both past trends and the current situation in the livestock and meat industry, including:

— Livestock supplies and prices
— Livestock slaughter and meat production
— Processed and canned meat production
— Meat consumption and expenditures
— Industry employment and wages
— Industry sales, costs and profits
— Foreign meat trade

It was reported here last year that lower cattle and hog inventories point to tightening meat supplies throughout the remainder of the 1980's. That forecast is now being realized in the beef sector. The liquidation of the nation's cattle herd—which resulted in a 3.5 pound increase in per capita beef consumption since 1980—appears to have ended, but there is uncertainty about when and how much herd numbers will increase in the future. Similarly, the size and timing of the expected turnaround in hog numbers—which have been declining since 1985—are also unknown. The extent to which livestock supplies increase in coming years will be determined largely by future consumer demand.

There are indications meat demand is improving. Low inflation and overall economic stability are contributing to improved consumer spending; new red meat promotion campaigns are in place and operating effectively to position red meat as a food that fits the 1980's lifestyle; and, perhaps most importantly, the industry has made significant strides in recent years in tailoring products to the new sociocultural and demographic needs of today's consumer.

The industry is thus well positioned to meet tomorrow's demand challenges. In the near term, of course, the acid test of demand will be how consumers react to the higher prices expected later this year and next as supplies begin to tighten.

The American Meat Institute hopes MEATFACTS '87 proves useful in promoting a better understanding of the American meat industry.

C. Manly Molpus
President
American Meat Institute
July, 1987

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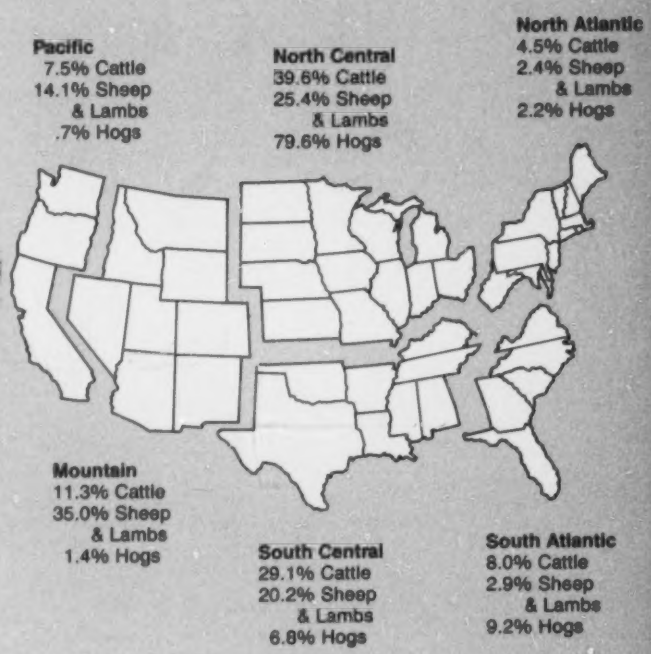
	CATTLE AND CALVES	SHEEP AND LAMBS	HOGS[1]	TOTAL RESIDENT POPULATION
		1,000 Head		Millions
1925	63,373	38,543	55,570	115.8
1930	61,003	51,565	55,705	123.1
1935	68,846	51,808	39,066	127.3
1940	68,309	52,107	61,165	132.0
1945	85,573	46,520	59,373	132.5
1950	77,963	29,826	58,937	151.9
1951	82,083	30,633	62,269	154.0
1952	88,072	31,982	62,117	156.4
1953	94,241	31,900	51,755	159.0
1954	95,679	31,356	45,114	161.9
1955	96,592	31,582	50,474	165.1
1956	95,900	31,157	55,354	168.1
1957	93,860	30,654	51,897	171.2
1958	91,176	31,217	51,517	174.1
1959	93,322	32,606	58,045	177.1
1960	96,236	33,170	59,026	180.0
1961	97,700	32,725	55,560	183.0
1962	100,369	30,969	61,837	185.8
1963	104,488	29,176	62,726	188.5
1964	107,903	27,116	62,060	191.1
1965	109,000	25,127	56,106	193.5
1966	108,862	24,734	50,519	195.6
1967	108,783	23,953	57,125	197.5
1968	109,371	22,223	58,818	199.4
1969	110,015	21,350	60,829	201.4
1970	112,369	20,423	57,046	204.0
1971	114,578	19,731	67,285	206.8
1972	117,862	18,739	62,412	209.3
1973	121,539	17,641	59,017	211.4
1974	127,788	16,310	60,614	213.3
1975	132,028	14,515	54,693	215.5
1976	127,980	13,311	49,267	217.6
1977	122,810	12,722	54,934	219.8
1978	116,375	12,421	56,539	222.1
1979	110,864	12,365	60,356	224.6
1980	111,192	12,687	67,318	227.3
1981	114,321	12,936	64,462	229.6
1982	115,604	12,966	58,698	232.0
1983	115,199	12,026	54,534	234.3
1984	113,700	11,487	56,694	236.5
1985	109,749	10,443	54,073	238.7
1986	105,468	9,983	52,313	241.1
1987	102,031	10,328	50,960	243.5*

Source: U.S. Departments of Agriculture and Commerce
[1]Beginning in 1962 figures are for Dec. 1 of previous year
**Estimated*

Cattle and Calves, Sheep and Lambs on Farms January 1, 1987, And Hogs December 1, 1986, by State

STATE	CATTLE & CALVES	SHEEP & LAMBS	ALL HOGS
		1,000 Head	
PACIFIC			
Washington	1,300	59	50
Oregon	1,400	415	115
California	4,750	980	150
Alaska	10	2	1
Hawaii	195	N.A.	50
MOUNTAIN			
Montana	2,400	523	190
Idaho	1,550	314	80
Wyoming	1,300	775	35
Colorado	2,600	690	190
New Mexico	1,360	480	36
Arizona	1,000	283	155
Utah	770	464	25
Nevada	550	86	14
NORTH CENTRAL			
Ohio	1,800	300	1,950
Indiana	1,470	91	4,150
Illinois	2,250	119	5,000
Michigan	1,325	106	1,250
Wisconsin	4,260	83	1,330
Minnesota	3,150	237	4,260
Iowa	4,650	375	12,600
Missouri	4,600	110	2,900
South Dakota	3,600	605	1,520
North Dakota	1,900	185	275
Nebraska	5,500	173	3,900
Kansas	5,920	236	1,450
SOUTH CENTRAL			
Kentucky	2,450	32	880
Tennessee	2,400	13	770
Alabama	1,850	N.A.	380
Mississippi	1,373	N.A.	210
Arkansas	1,840	N.A.	460
Louisiana	1,160	8	53
Oklahoma	5,200	105	220
Texas	13,400	1,930	510
NORTH ATLANTIC			
New England[1]	682	70	66
New York	1,885	64	128
New Jersey	90	14	40
Pennsylvania	1,950	104	890
SOUTH ATLANTIC			
Delaware	31	N.A.	60
Maryland	330	25	190
Virginia	1,860	168	360
West Virginia	560	90	37
North Carolina	950	13	2,360
South Carolina	620	N.A.	430
Georgia	1,650	N.A.	1,100
Florida	2,140	N.A.	140
TOTAL U.S.	**102,031**	**10,326**	**50,960**



Source: U.S. Department of Agriculture

[1]*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut*

N.A.—not available

Number of Operations with Livestock, by State and Species, 1985–86

	NUMBER OF OPERATIONS							
	Cattle		Milk Cows		Hogs		Sheep	
STATE	1985	1986	1985	1986	1985	1986	1985	1986
NORTH ATLANTIC								
New England[1]	15,220	14,700	7,830	7,520	5,510	5,330	2,850	3,000
New York	29,000	27,000	16,500	15,800	5,400	4,800	2,200	2,000
New Jersey	2,500	2,400	800	750	700	700	700	750
Pennsylvania	46,000	46,000	21,000	19,500	12,000	11,000	4,900	4,700
NORTH CENTRAL								
Ohio	45,000	44,000	11,000	10,600	15,000	13,000	7,400	7,500
Indiana	45,000	42,000	7,900	7,500	19,000	17,000	5,200	5,000
Illinois	42,000	40,000	5,900	5,500	19,500	16,000	6,200	5,000
Michigan	30,000	28,000	8,500	8,000	8,000	7,500	2,700	2,500
Wisconsin	63,000	62,000	41,000	39,000	12,000	11,200	3,500	3,200
Minnesota	53,000	49,000	23,000	21,000	19,500	18,000	6,000	4,800
Iowa	64,000	63,000	10,500	10,000	43,000	38,000	10,500	12,000
Missouri	98,000	96,000	11,000	10,500	23,000	19,000	3,900	3,900
South Dakota	17,800	17,200	3,400	3,000	3,000	3,000	2,000	1,800
North Dakota	26,000	25,000	5,600	5,200	8,500	7,500	5,400	5,100
Nebraska	35,000	35,000	4,500	4,300	14,000	13,000	3,400	3,300
Kansas	47,000	44,000	3,700	3,500	8,300	7,000	2,600	2,000
SOUTH ATLANTIC								
Delaware	700	730	230	230	350	360	N.A.	N.A.
Maryland	8,100	7,900	2,200	2,100	2,200	1,900	1,000	900
Virginia	39,000	39,000	6,500	5,000	12,000	9,000	2,800	2,900
West Virginia	18,000	17,000	3,200	3,100	3,500	3,500	2,700	2,700
North Carolina	40,000	37,000	4,500	4,000	18,000	15,000	500	500
South Carolina	18,000	18,000	2,000	2,000	13,000	12,500	N.A.	N.A.
Georgia	36,000	35,000	2,200	1,700	11,000	9,000	N.A.	N.A.
Florida	21,000	21,000	1,400	1,400	5,000	5,000	N.A.	N.A.
SOUTH CENTRAL								
Kentucky	62,000	61,000	8,500	8,000	17,000	14,000	900	1,000
Tennessee	76,000	74,000	6,700	6,400	21,000	18,000	470	470
Alabama	42,000	42,000	1,600	1,400	9,500	8,200	N.A.	N.A.
Mississippi	34,000	32,000	2,500	2,200	12,000	11,500	N.A.	N.A.
Arkansas	35,000	34,000	2,300	2,000	3,000	3,000	N.A.	N.A.
Louisiana	25,000	24,000	3,100	3,000	4,000	3,500	700	650
Oklahoma	65,000	64,000	5,300	4,800	6,000	6,000	2,300	2,400
Texas	148,000	142,000	9,200	8,700	14,000	13,000	8,800	8,500
MOUNTAIN								
Montana	16,200	16,000	2,700	2,500	1,600	1,400	2,900	2,900
Idaho	19,000	18,500	4,200	4,000	2,400	2,000	2,500	2,600
Wyoming	5,800	5,600	900	800	500	500	1,400	1,400
Colorado	17,000	17,000	3,000	2,600	2,700	2,300	2,500	2,600
New Mexico	9,000	9,000	1,400	1,300	1,200	1,200	1,500	1,500
Arizona	5,500	5,200	900	800	650	700	550	600
Utah	9,300	8,800	2,300	2,100	1,200	1,000	2,500	2,300
Nevada	1,700	1,700	400	400	180	150	270	300
PACIFIC								
Washington	23,000	23,000	3,400	3,400	3,300	3,300	2,200	2,200
Oregon	26,000	26,000	3,800	3,800	3,600	3,200	5,400	5,600
California	34,000	34,000	5,200	5,200	5,000	5,000	6,000	6,200
Alaska	210	200	70	70	60	50	30	30
Hawaii	850	800	90	90	650	600	N.A.	N.A.
TOTAL U.S.	**1,493,880**	**1,449,730**	**271,920**	**254,760**	**391,000**	**346,890**	**117,370**	**114,800**

Source: U.S. Department of Agriculture

[1]*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut*

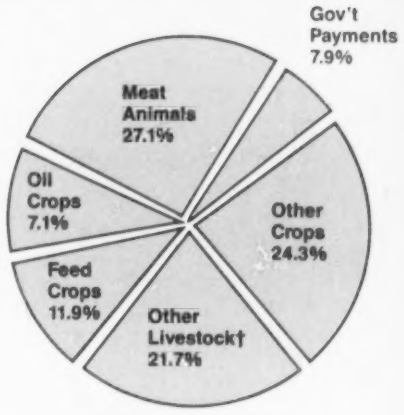
Livestock Prices Received by Farmers, U.S. Averages for All Grades

	BEEF CATTLE	CALVES	HOGS	LAMBS
		Dollars Per 100 Pounds		
1925	$ 6.53	$ 8.59	$10.90	$12.40
1930	7.71	9.68	8.84	7.76
1935	6.04	7.16	8.65	7.28
1940	7.56	8.83	5.39	8.10
1945	12.10	13.00	14.00	13.10
1950	23.30	26.30	18.00	25.10
1951	28.70	32.00	20.00	31.00
1952	24.30	25.80	17.80	24.30
1953	16.30	16.70	21.40	19.30
1954	16.00	16.50	21.60	19.10
1955	15.60	16.70	15.00	18.40
1956	14.90	16.00	14.40	18.50
1957	17.20	18.70	17.80	19.90
1958	21.90	25.20	19.60	21.00
1959	22.60	26.70	14.10	18.70
1960	20.40	22.90	15.30	17.90
1961	20.20	23.70	16.60	15.80
1962	21.30	25.10	16.30	17.80
1963	19.90	24.00	14.90	18.10
1964	18.00	23.00	14.80	19.90
1965	19.90	22.10	20.60	22.80
1966	22.20	26.00	22.80	23.40
1967	22.30	26.30	18.90	22.10
1968	23.40	27.60	18.50	24.40
1969	26.20	31.50	22.20	27.20
1970	27.10	34.50	22.70	26.40
1971	29.00	36.40	17.50	25.90
1972	33.50	44.70	25.10	29.10
1973	42.80	56.60	38.40	35.10
1974	35.60	35.20	34.20	37.00
1975	32.30	27.20	46.10	42.10
1976	33.70	34.20	43.30	46.90
1977	34.40	36.90	39.40	51.30
1978	48.50	59.10	46.60	62.70
1979	66.00	88.80	41.80	66.70
1980	62.40	76.80	38.00	63.60
1981	58.60	64.00	43.90	54.90
1982	56.70	59.80	52.30	53.10
1983	55.50	61.70	46.80	53.90
1984	57.30	59.90	47.10	60.10
1985	53.70	62.10	44.00	67.70
1986	52.60	61.10	49.30	69.00

Source: U.S. Department of Agriculture

Cash Receipts from Farm Marketings of Meat Animals, by State, 1986

RANK	STATE	CATTLE AND CALVES	HOGS	SHEEP AND LAMBS	TOTAL
		Millions of Dollars			
1	Iowa	$ 1,717.9	$ 2,629.2	$ 25.0	$ 4,372.1
2	Texas	4,081.5	81.0	74.7	4,237.2
3	Nebraska	3,315.5	705.2	11.7	4,032.4
4	Kansas	2,927.0	295.4	13.8	3,236.2
5	Colorado	1,879.0	39.5	40.7	1,959.2
6	Illinois	757.1	1,008.0	5.4	1,770.5
7	Minnesota	936.7	750.2	14.4	1,701.3
8	Oklahoma	1,434.4	39.2	4.5	1,478.1
9	California	1,319.2	29.6	57.8	1,406.6
10	Missouri	778.0	552.5	4.9	1,335.4
11	South Dakota	878.7	317.5	35.3	1,231.5
12	Indiana	322.2	778.9	4.0	1,105.1
13	Wisconsin	635.7	248.0	3.8	887.5
14	Ohio	344.6	354.1	11.2	709.9
15	North Carolina	168.9	437.9	.2	607.0
16	Tennessee	435.0	169.4	.2	604.6
17	Montana	537.6	24.5	19.9	582.0
18	Idaho	521.1	16.4	19.0	556.5
19	Kentucky	397.8	154.9	1.1	553.8
20	New Mexico	515.4	6.7	16.8	538.9
21	North Dakota	459.4	47.6	9.9	516.9
22	Arizona	423.1	33.1	5.6	461.8
23	Michigan	239.0	195.3	5.0	439.3
24	Wyoming	382.0	6.9	32.3	421.2
25	Pennsylvania	307.4	108.1	2.9	418.4
26	Georgia	215.3	195.4	*	410.7
27	Washington	392.6	5.4	3.4	401.4
28	Virginia	297.2	83.4	7.8	388.4
29	Alabama	323.1	49.6	*	372.7
30	Oregon	324.0	25.9	16.5	366.4
31	Arkansas	239.0	91.7	*	330.7
32	Florida	272.9	23.4	*	296.3
33	Mississippi	178.2	37.9	*	216.1
34	Utah	178.0	3.0	23.4	204.4
35	Louisiana	170.7	7.4	.1	178.2
36	New York	149.3	14.5	1.6	165.4
37	South Carolina	93.4	57.0	*	150.4
38	Nevada	119.7	1.8	3.3	124.8
39	Maryland	66.4	34.5	.6	101.5
40	West Virginia	35.5	5.4	2.9	43.8
41	Vermont	35.9	1.2	.8	37.9
42	Hawaii	24.6	8.8	*	33.4
43	Maine	22.9	1.3	.9	25.1
44	Connecticut	19.2	.7	.5	20.4
45	New Jersey	12.5	5.4	.5	18.4
46	Massachusetts	12.7	4.0	.3	17.0
47	Delaware	1.8	13.2	*	15.0
48	New Hampshire	10.0	.9	.7	11.6
49	Rhode Island	.5	.6	*	1.1
50	Alaska	.3	.3	*	.6
	Total U.S.	**$28,910.1**	**$9,701.9**	**$483.5**	**$39,096.0**



Cash Receipts from Farming, 1986

†Includes dairy products, poultry and eggs

Source: U.S. Department of Agriculture

**Less than 50,000*

Totals may not add due to rounding

Number of Feedlots and Cattle Marketed, by Feedlot Capacity*, 1986

	Under 1,000	1,000 to 8,000	8,000 to 16,000	16,000 to 32,000	32,000 & Over	Total
	Number of Feedlots					
Arizona	10	—	—	6	6	22
California	12	23	16	14	8	73
Colorado	130	134	18	12	6	300
Iowa	10,935	565	—	—	—	11,500
Kansas	1,636	174	48	27	15	1,900
Nebraska	9,050	391	42	12	5	9,500
Texas	852	37	38	40	33	1,000
7 Major States	22,625	1,324	162	111	73	24,295
% of Total	93.1	5.4	.7	.5	.3	100.0
13 States[1]	42,661	1,533	191	127	80	44,592
% of Total	95.7	3.4	.4	.3	.2	100.0
	Cattle Marketed, Thousand Head					
Arizona	19	—	—	159	284	462
California	3	76	118	264	378	839
Colorado	70	635	270	410	885	2,270
Iowa	1,133	404	—	—	—	1,537
Kansas	70	640	1,010	1,050	1,425	4,195
Nebraska	1,340	1,430	840	550	520	4,680
Texas	90	230	550	1,400	2,990	5,260
7 Major States	2,725	3,415	2,788	3,833	6,482	19,243
% of Total	14.2	17.7	14.5	19.9	33.7	100.0
13 States[1]	4,094	3,908	3,165	4,504	7,165	22,836
% of Total	17.9	17.1	13.9	19.7	31.4	100.0

Source: U.S. Department of Agriculture

*Numbers from certain size groups included with other groups to avoid disclosing individual operations

[1]Principal cattle feeding states include 7 major states and ID, IL, MN, OK, SD and WA

Composition of Commercial Cattle Slaughter, 1960–86

Year	Steers & Heifers		Cows	Bulls & Stags	Total	Steers & Heifers		Cows	Bulls & Stags
	Fed	Nonfed				Fed	Nonfed		
	Thousand Head					Percent			
1960	13,496	5,602	5,773	353	25,224	53.5%	22.2%	22.9%	1.4%
1961	14,545	5,585	5,179	326	25,635	56.7	21.8	20.2	1.3
1962	15,365	4,981	5,453	284	26,083	58.9	19.1	20.9	1.1
1963	16,844	4,914	5,229	245	27,232	61.9	18.0	19.2	.9
1964	18,261	5,681	6,524	352	30,818	59.3	18.4	21.2	1.1
1965	18,851	4,920	8,074	502	32,347	58.2	15.2	25.0	1.6
1966	20,551	5,101	7,556	519	33,737	60.9	15.1	22.4	1.5
1967	21,847	4,796	6,757	469	33,869	64.5	14.2	20.0	1.4
1968	23,668	3,972	6,843	543	35,026	67.6	11.3	19.5	1.6
1969	24,911	2,824	6,920	582	35,237	70.7	8.0	19.6	1.6
1970	25,725	2,606	6,116	578	35,025	73.5	7.4	17.5	1.6
1971	26,127	2,450	6,375	633	35,585	73.4	6.9	17.9	1.8
1972	27,728	1,414	5,992	645	35,779	77.5	4.0	16.7	1.8
1973	26,083	680	6,248	676	33,687	77.5	2.0	18.5	2.0
1974	23,994	4,484	7,514	820	36,812	65.2	12.2	20.4	2.2
1975	21,260	6,997	11,557	1,097	40,911	52.0	17.1	28.2	2.7
1976	25,125	5,912	10,619	998	42,654	58.9	13.9	24.9	2.3
1977	25,969	5,120	9,864	903	41,856	62.0	12.2	23.6	2.2
1978	27,850	2,434	8,470	798	39,552	70.4	6.2	21.4	2.0
1979	25,566	1,553	5,930	629	33,678	75.9	4.6	17.6	1.9
1980	24,004	2,745	6,334	724	33,807	71.0	8.1	18.7	2.2
1981	23,818	3,717	6,643	775	34,953	68.2	10.6	19.0	2.2
1982	24,902	2,769	7,354	818	35,843	69.5	7.7	20.5	2.3
1983	25,752	2,492	7,597	808	36,649	70.3	6.8	20.7	2.2
1984	25,758	2,414	8,621	789	37,582	68.5	6.5	22.9	2.1
1985	26,155	1,984	7,391	759	36,289	72.1	5.4	20.4	2.1
1986	25,957	2,660	7,959	714	37,290	69.6	7.1	21.4	1.9

Source: U.S. Department of Agriculture

Livestock Slaughter and Meat Production, 1925–1986

	SLAUGHTER (Thousand Head)				MEAT PRODUCTION (Million Pounds)				
	Cattle	Calves	Sheep & Lambs	Hogs	Beef	Veal	Lamb & Mutton	Pork	Total
1925	14,704	9,936	15,430	65,508	6,878	989	603	8,128	16,598
1930	12,056	7,761	21,125	67,272	5,917	792	825	8,482	16,016
1935	14,805	9,632	22,000	46,011	6,608	1,023	877	5,919	14,427
1940	14,958	9,089	21,571	77,610	7,175	981	876	10,044	19,076
1945	21,694	13,657	24,639	71,891	10,276	1,664	1,054	10,697	23,691
1950	18,614	10,501	13,244	79,263	9,534	1,230	597	10,714	22,075
1955	26,587	12,864	16,553	81,051	13,569	1,578	758	10,990	26,895
1960	26,029	8,615	16,240	84,150	14,753	1,109	768	11,607	28,237
1961	26,471	8,080	17,537	81,970	15,327	1,044	832	11,408	28,611
1962	26,911	7,857	17,168	83,424	15,324	1,015	808	11,827	28,974
1963	28,070	7,204	16,147	87,117	16,456	929	770	12,427	30,582
1964	31,678	7,632	14,895	86,284	18,456	1,013	715	12,513	32,697
1965	33,171	7,788	13,300	76,458	18,727	1,020	651	11,141	31,539
1966	34,173	6,863	13,004	75,382	19,726	910	650	11,339	32,625
1967	34,297	6,110	13,035	83,420	20,219	792	646	12,581	34,238
1968	35,418	5,616	12,120	86,417	20,880	734	602	13,064	35,280
1969	35,573	5,011	10,923	84,968	21,148	637	550	12,955	35,326
1970	35,356	4,203	10,801	87,052	21,652	588	551	13,426	36,217
1971	35,905	3,825	10,965	95,648	21,868	546	555	14,783	37,752
1972	36,134	3,201	10,525	85,865	22,381	458	543	13,617	36,999
1973	34,102	2,404	9,799	77,890	21,277	357	514	12,751	34,899
1974	37,353	3,175	9,064	83,083	23,138	486	465	13,805	37,894
1975	41,464	5,406	8,047	69,880	23,976	873	410	11,503	36,762
1976	43,199	5,527	6,911	74,959	25,969	853	371	12,415	39,608
1977	42,381	5,692	6,555	78,442	25,279	834	351	13,247	39,711
1978	39,970	4,302	5,543	78,417	24,242	632	309	13,393	38,576
1979	34,005	2,927	5,189	90,179	21,446	434	293	15,450	37,623
1980	34,116	2,679	5,742	97,174	21,644	400	318	16,615	38,977
1981	35,265	2,886	6,197	92,475	22,389	436	338	15,875	39,038
1982	36,158	3,106	6,643	82,844	22,536	448	365	14,229	37,578
1983	36,974	3,162	6,792	88,084	23,241	454	376	15,202	39,272
1984	37,892	3,367	6,900	85,641	23,596	495	380	14,812	39,283
1985	36,593	3,455	6,300	84,938	23,728	514	357	14,805	39,404
1986	37,568	3,478	5,762	79,956	24,371	524	337	14,063	39,296

Source: U.S. Department of Agriculture

U.S. Livestock Slaughter and Meat Production, 1985–86

LIVESTOCK SLAUGHTER

SPECIES AND CLASS OF SLAUGHTER	1985 NUMBER OF HEAD Thousands	1985 % of Total	1985 AVERAGE LIVE WT.	1986 NUMBER OF HEAD Thousands	1986 % of Total	1986 AVERAGE LIVE WT.
CATTLE						
Federally Inspected	34,765	95.0%	1,103	35,913	95.6%	1,105
Other Commercial	1,528	4.2	972	1,375	3.7	1,100
Farm	300	.8	N.A.	280	.7	N.A.
Total	36,593	100.0	N.A.	37,568	100.0	N.A.
CALVES						
Federally Inspected	3,168	91.7	234	3,195	91.9	239
Other Commercial	217	6.3	460	213	6.1	251
Farm	70	2.0	N.A.	70	2.0	N.A.
Total	3,455	100.0	N.A.	3,478	100.0	N.A.
HOGS						
Federally Inspected	81,974	96.5	245	77,290	96.7	246
Other Commercial	2,519	3.0	232	2,309	2.9	246
Farm	446	.5	N.A.	358	.4	N.A.
Total	84,938	100.0	N.A.	79,956	100.0	N.A.
SHEEP AND LAMBS						
Federally Inspected	5,976	94.9	115	5,464	94.8	118
Other Commercial	189	3.0	95	171	3.0	117
Farm	135	2.1	N.A.	127	2.2	N.A.
Total	6,300	100.0	N.A.	5,762	100.0	N.A.

MEAT PRODUCTION

KIND OF MEAT AND CLASS OF SLAUGHTER	1985 DRESSED WEIGHT Mil. Lbs.	1985 % of Total	1985 AVERAGE DRESS WT.	1986 DRESSED WEIGHT Mil. Lbs.	1986 % of Total	1986 AVERAGE DRESS WT.
BEEF						
Federally Inspected	22,709	95.7%	656	23,456	96.3%	656
Other Commercial	848	3.6	577	757	3.1	576
Farm	171	.7	570	158	.6	567
Total	23,728	100.0	651	24,371	100.0	652
VEAL						
Federally Inspected	441	85.8	142	455	86.8	145
Other Commercial	57	11.1	278	54	10.3	270
Farm	16	3.1	226	15	2.9	228
Total	514	100.0	152	524	100.0	154
PORK						
Federally Inspected	14,312	96.7	175	13,618	96.8	177
Other Commercial	414	2.8	166	380	2.7	167
Farm	79	.5	178	65	.5	181
Total	14,805	100.0	175	14,063	100.0	177
LAMB AND MUTTON						
Federally Inspected	341	95.5	57	322	95.6	59
Other Commercial	9	2.5	48	8	2.4	49
Farm	7	2.0	53	7	2.0	54
Total	357	100.0	57	337	100.0	59

Source: U.S. Department of Agriculture

N.A.—Not Available

Totals may not add due to rounding

Slaughter and Number of Plants, by Species and State, 1986

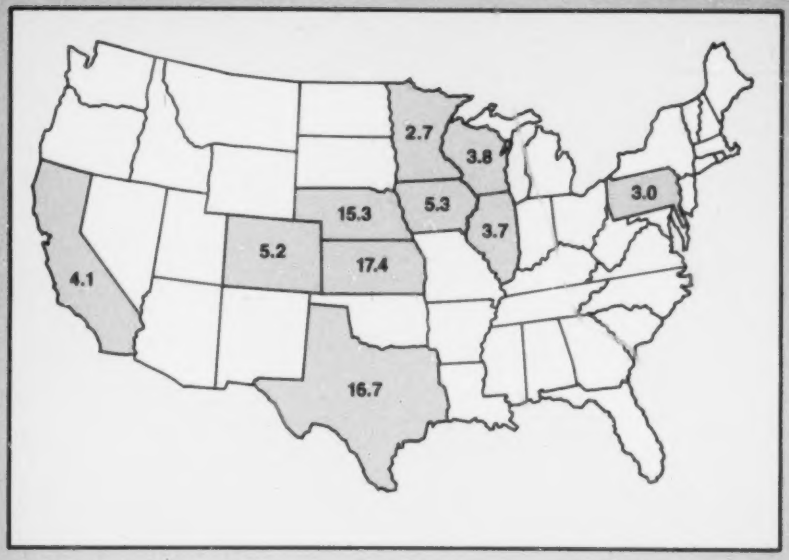
STATE	CATTLE		CALVES		HOGS		SHEEP & LAMBS	
	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*
Alabama†	306.5	—	1.3	—	208.8	10	.2	—
Arizona†	411.7	—	—	—	69.3	—	1.8	—
Arkansas	71.0	52	1.4	21	275.7	53	1.0	33
California	1,520.7	45	325.2	29	1,733.8	—	876.7	26
Colorado	1,919.5	36	.4	10	162.0	34	1,261.2	32
Delaware-Maryland†	55.8	13	31.8	—	66.2	—	18.4	—
Florida†	224.7	8	147.7	7	88.2	—	.6	—
Georgia†	272.9	—	4.5	—	1,850.3	25	1.1	—
Hawaii†	62.0	5	—	—	44.7	—	.2	—
Idaho	794.6	34	2.5	—	102.8	—	5.4	24
Illinois†	1,394.0	—	199.0	—	5,772.8	21	296.7	—
Indiana†	190.1	16	242.7	10	3,427.3	17	11.5	9
Iowa†	1,969.0	9	.2	—	18,711.2	23	520.5	—
Kansas†	6,493.8	14	.3	—	1,417.3	—	337.5	—
Kentucky	148.0	39	1.1	—	2,262.9	44	9.0	21
Louisiana†	41.4	—	162.3	—	58.1	—	4.1	—
Michigan	423.3	80	100.2	—	4,624.7	71	207.4	—
Minnesota	1,013.2	47	3.7	—	5,862.1	44	347.1	—
Mississippi†	268.3	9	28.7	—	1,683.7	—	—	—
Missouri	470.9	111	8.6	—	3,632.3	104	17.0	—
Montana	28.1	28	.3	17	28.5	26	2.9	26
Nebraska	5,700.2	56	.2	12	4,999.8	37	3.1	—
Nevada	4.7	7	—	—	2.7	6	2.4	—
New England[1]	99.9	44	180.1	42	67.1	38	32.7	49
New Jersey	97.4	—	136.5	22	160.4	16	40.6	20
New Mexico†	156.7	6	.5	—	5.7	4	133.0	7
New York	218.9	88	3.6	—	89.9	76	54.4	77
North Carolina†	163.4	—	.4	—	2,549.0	—	1.1	8
North Dakota	146.7	—	112.2	8	81.0	—	.8	20
Ohio†	524.1	24	3.4	11	3,659.9	23	24.9	9
Oklahoma†	618.0	—	12.6	—	129.9	19	2.9	15
Oregon	94.6	31	287.2	23	205.9	30	8.5	29
Pennsylvania	1,125.5	233	27.3	172	1,526.7	—	130.7	188
South Carolina†	122.4	—	.2	—	508.1	—	.2	—
South Dakota†	756.9	10	—	—	3,424.2	—	358.2	—
Tennessee	276.4	60	—	—	2,270.2	65	1.6	33
Texas†	6,207.1	60	247.3	24	992.9	35	561.9	—
Utah†	392.4	—	1.0	—	221.6	—	40.1	12
Virginia†	112.5	19	3.8	10	4,499.7	22	152.7	—
Washington	928.2	29	118.0	—	29.5	23	155.4	—
West Virginia†	29.2	—	.5	—	24.4	—	.8	—
Wisconsin†	1,428.3	9	392.2	8	2,062.3	—	7.5	—
Wyoming†	5.6	—	.1	—	4.6	—	1.3	—
Total U.S.	**37,288.3**	**1,380**	**3,408.0**	**792**	**79,598.2**	**1,250**	**5,635.0**	**954**

Source: U.S. Department of Agriculture

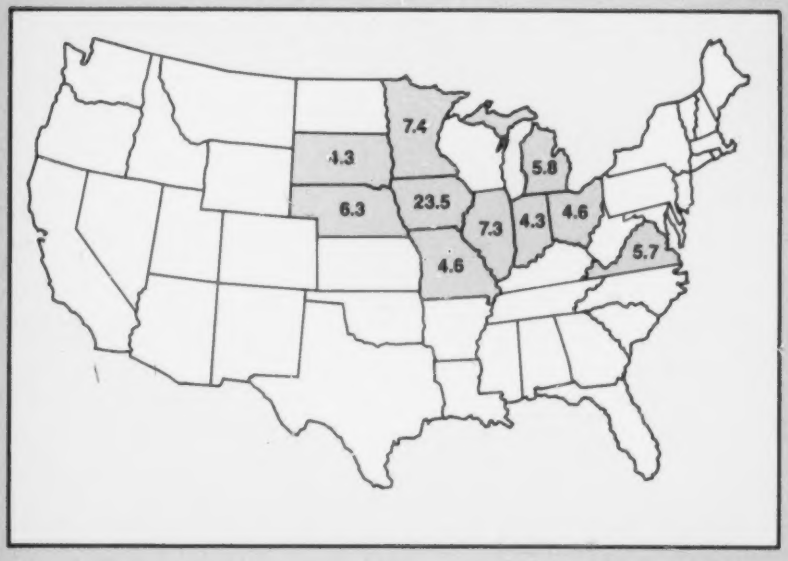
**Numbers in column will not add to total because of states left blank to avoid disclosing individual operations*

†Operating under State Inspection Programs

[1]Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont



Top 10 Cattle Slaughtering States, by Percentage of Commercial Cattle Slaughter, 1986



Top 10 Hog Slaughtering States, by Percentage of Commercial Hog Slaughter, 1986

Number of Livestock Slaughtering Plants, January 1, 1986 and 1987, by State

STATE	JANUARY 1, 1986			JANUARY 1, 1987		
	Federally Inspected Plants	Other Plants	Total	Federally Inspected Plants	Other Plants	Total
NORTH ATLANTIC						
New England[1]	52	76	128	50	70	120
New York	88	15	103	89	13	102
New Jersey	24	9	33	20	9	29
Pennsylvania	245	68	313	236	67	303
NORTH CENTRAL						
Ohio	34	253	287	34	225	259
Indiana	21	131	152	21	135	156
Illinois	29	186	215	28	174	202
Michigan	88	50	138	80	35	115
Wisconsin	17	210	227	17	188	205
Minnesota	50	190	240	48	190	238
Iowa	27	302	329	27	294	321
Missouri	117	140	257	109	140	249
South Dakota	11	117	128	10	108	118
North Dakota	24	54	78	24	53	77
Nebraska	58	147	205	54	138	192
Kansas	18	167	185	16	164	180
SOUTH ATLANTIC						
Delaware/Maryland	13	42	55	13	41	54
Virginia	26	77	103	26	74	100
West Virginia	2	58	60	2	55	57
North Carolina	19	96	115	18	92	110
South Carolina	9	42	51	8	44	52
Georgia	27	117	144	28	107	135
Florida	7	93	100	8	76	84
SOUTH CENTRAL						
Kentucky	43	64	107	46	58	104
Tennessee	69	61	130	67	61	128
Alabama	11	160	171	8	157	165
Mississippi	12	86	98	11	77	88
Arkansas	55	50	105	52	44	96
Louisiana	5	99	104	5	91	96
Oklahoma	22	115	137	20	135	155
Texas	67	248	315	64	239	303
MOUNTAIN						
Montana	26	18	44	27	17	44
Idaho	33	10	43	29	11	40
Wyoming	0	18	18	0	17	17
Colorado	39	18	57	39	19	58
New Mexico	9	31	40	8	26	34
Arizona	10	24	34	5	24	29
Utah	14	26	40	14	22	36
Nevada	6	0	6	6	0	6
PACIFIC						
Washington	30	4	34	28	4	32
Oregon	33	12	45	34	13	47
California	50	0	50	49	0	49
Hawaii	4	17	21	5	16	21
TOTAL U.S.	**1,544**	**3,701**	**5,245**	**1,483**	**3,523**	**5,006**

Source: U.S. Department of Agriculture

[1]*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut*

Livestock Slaughter Shares by Firm Size, 1975–85

Firm Size Group	Steers & Heifers	Cows & Bulls	All Cattle	Calves	Hogs	Sheep & Lamb
			Percent of Total Slaughter†			
4 Largest Firms						
1975	28.0%	13.4%	22.2%	28.4%	33.0%	57.5%
1976	29.0	12.2	22.1	27.8	34.6	53.0
1977	28.8	10.9	21.9	29.2	33.7	55.4
1978	31.6	10.4	24.3	30.8	35.5	59.3
1979	36.5	10.0	29.3	33.5	36.5	65.5
1980	39.0	10.5	31.3	35.8	34.8	57.3
1981	42.7	10.3	34.2	35.3	35.5	57.9
1982	45.0	10.0	35.4	33.4	35.9	49.5
1983	50.6	11.6	39.4	34.0	32.4	48.2
1984	53.2	12.3	40.6	34.7	36.2	44.3
1985	52.3	19.3	41.3	37.3	32.6	45.4
8 Largest Firms						
1975	41.5	22.6	33.8	42.9	49.7	76.1
1976	41.7	20.3	32.3	40.8	52.0	74.5
1977	42.3	18.0	33.1	43.0	52.5	77.5
1978	44.1	18.4	34.5	45.8	54.5	81.5
1979	50.6	17.9	41.1	50.2	55.2	86.2
1980	56.2	19.9	45.4	51.8	52.6	84.7
1981	58.1	19.8	46.9	51.4	52.2	87.7
1982	60.9	18.8	48.2	50.2	53.3	83.6
1983	62.6	20.9	48.7	51.2	51.1	81.3
1984	65.0	21.5	49.6	51.2	53.7	74.0
1985	66.5	29.0	52.5	51.0	51.3	77.4
12 Largest Firms						
1975	49.8	29.5	41.0	51.7	58.1	86.3
1976	49.0	25.8	38.8	50.0	60.4	85.7
1977	50.3	23.8	39.4	53.1	61.4	87.8
1978	51.5	24.7	40.4	53.3	62.6	90.5
1979	57.5	25.0	46.7	59.3	63.4	93.3
1980	63.3	27.1	51.1	60.6	62.0	93.1
1981	66.7	27.4	54.0	60.3	60.9	93.6
1982	68.7	25.7	54.8	59.2	61.1	93.7
1983	69.4	27.8	54.8	59.8	60.6	93.2
1984	72.6	27.9	56.5	60.0	66.0	89.2
1985	73.3	36.6	59.8	60.0	64.2	92.6
Total Firms*			Number			
1975	656	644	755	359	440	193
1976	666	649	778	361	438	193
1977	618	620	731	342	410	182
1978	617	628	727	315	408	174
1979	582	595	691	283	425	182
1980	565	583	672	273	448	190
1981	489	521	599	262	421	183
1982	471	505	580	259	405	184
1983	463	501	570	251	396	180
1984	433	472	532	237	370	167
1985	391	429	481	219	345	155

Source: U.S. Department of Agriculture

†Slaughter of those firms defined below

*Since 1977, defined as all companies purchasing livestock valued at $500,000 or more. Prior to 1977, defined as all companies slaughtering at least 1,000 head of cattle or 2,000 head of all species combined

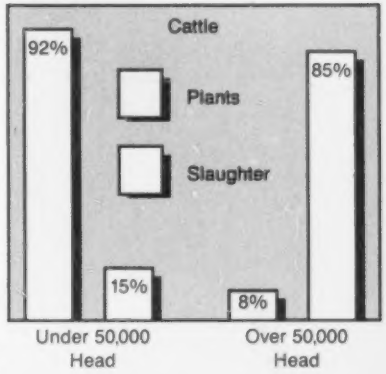
Federally Inspected Slaughter Plants, by Species and by Size, 1986

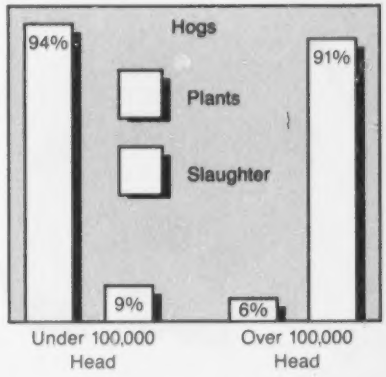
SIZE GROUPS	PLANTS		SLAUGHTER	
	Number	Percent of Total	Thous. Head	Percent of Total*
CATTLE				
Under 1,000	917	66.4%	319	.9%
1,000–9,999	244	17.7	817	2.2
10,000–49,999	105	7.6	2,644	7.1
50,000–499,999	95	6.9	14,987	40.2
500,000 and over	19	1.4	16,828	45.1
Total	**1,380**	**100.0**		
CALVES				
Under 100	569	71.8	9	.3
100–9,999	99	12.5	33	1.0
10,000 and over	124	15.7	3,126	91.7
Total	**792**	**100.0**		
HOGS				
Under 1,000	860	68.8	249	.3
1,000–9,999	212	17.0	688	.9
10,000–99,999	99	7.9	3,359	4.2
100,000–999,999	50	4.0	21,810	27.4
1,000,000 and over	29	2.3	50,634	63.6
Total	**1,250**	**100.0**		
SHEEP AND LAMBS				
Under 100	672	70.4	17	.3
100–999	202	21.2	57	1.0
1,000–9,999	54	5.7	167	3.0
10,000 and over	26	2.7	5,198	92.2
Total	**954**	**100.0**		

Source: U.S. Department of Agriculture

**Percent of U.S. commercial slaughter*

Percent of F.I. Plants and Slaughter by Size of Plant





Large Plants—Number and Slaughter, 1977–86

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
CATTLE—50,000 or more										
Number of Plants	211	191	153	149	129	134	135	136	118	114
Percent of all F.I. Plants	13.5%	12.5%	10.4%	10.6%	8.3%	8.9%	8.9%	9.1%	8.1%	8.3%
Slaughter, ths. head	32,215	30,768	26,140	27,030	27,572	28,697	29,981	31,305	30,532	31,815
Percent of Commercial Slaughter	77.0%	77.8%	77.6%	80.0%	78.9%	80.0%	81.8%	83.3%	84.1%	85.3%
HOGS—100,000 or more										
Number of Plants	117	109	114	115	110	101	104	99	72	79
Percent of all F.I. Plants	9.5%	8.9%	9.3%	9.3%	7.9%	7.5%	7.8%	7.4%	5.5%	6.3%
Slaughter, ths. head	69,673	69,980	82,291	87,889	83,095	74,449	80,351	77,676	74,612	72,444
Percent of Commercial Slaughter	90.1%	90.5%	92.4%	91.5%	90.7%	90.7%	91.8%	91.2%	88.3%	91.0%

Source: U.S. Department of Agriculture

Top 25 Meat Companies (Ranked by 1986 Sales)

1. **IBP inc.**
   Dakota City, NE
2. **Swift Independent Corp.**
   Dallas, TX
3. **ConAgra, Inc.**
   Omaha, NE
4. **Excel Corp.**
   Wichita, KS
5. **Sara Lee Corp.**
   Chicago, IL
6. **Oscar Mayer Foods Corp.**
   Madison, WI
7. **Geo. A. Hormel & Co.**
   Austin, MN
8. **John Morrell & Co.**
   Northfield, IL
9. **Wilson Foods Corp.**
   Oklahoma City, OK
10. **Monfort of Colorado, Inc.**
    Greeley, CO
11. **Swift-Eckrich, Inc.**
    Oak Brook, IL
12. **E.A. Miller, Inc.**
    Hyrum, UT
13. **Idle Wild Foods, Inc.**
    Worcester, MA
14. **Smithfield Foods, Inc.**
    Arlington, VA
15. **Dubuque Packing Co.**
    Omaha, NE
16. **Kane-Miller Corp.**
    Tarrytown, NY
17. **Farmland Foods, Inc.**
    Kansas City, MO
18. **Thorn Apple Valley, Inc.**
    Southfield, MI
19. **FDL Foods, Inc.**
    Dubuque, IA
20. **Sterling Beef Co.**
    Fort Morgan, CO
21. **Packerland Packing Co., Inc.**
    Green Bay, WI
22. **Nebraska DUPACO**
    Omaha, NE
23. **Superior's Brand Meats, Inc.**
    Massillon, OH
24. **Moyer Packing Co.**
    Souderton, PA
25. **Hyplains Dressed Beef, Inc.**
    Dodge City, KS

Source: **Meat & Poultry** *magazine*

Top 10 Steer & Heifer Slaughterers in 1986 (Ranked Alphabetically)

1. Dubuque Packing Co.
2. Excel Corp.
3. Hyplains Dressed Beef, Inc.
4. IBP inc.
5. Monfort of Colorado, Inc.
6. John Morrell & Co.
7. National Beef
8. Packerland Packing Co., Inc.
9. Swift Independent Packing Co.
10. Spencer Beef

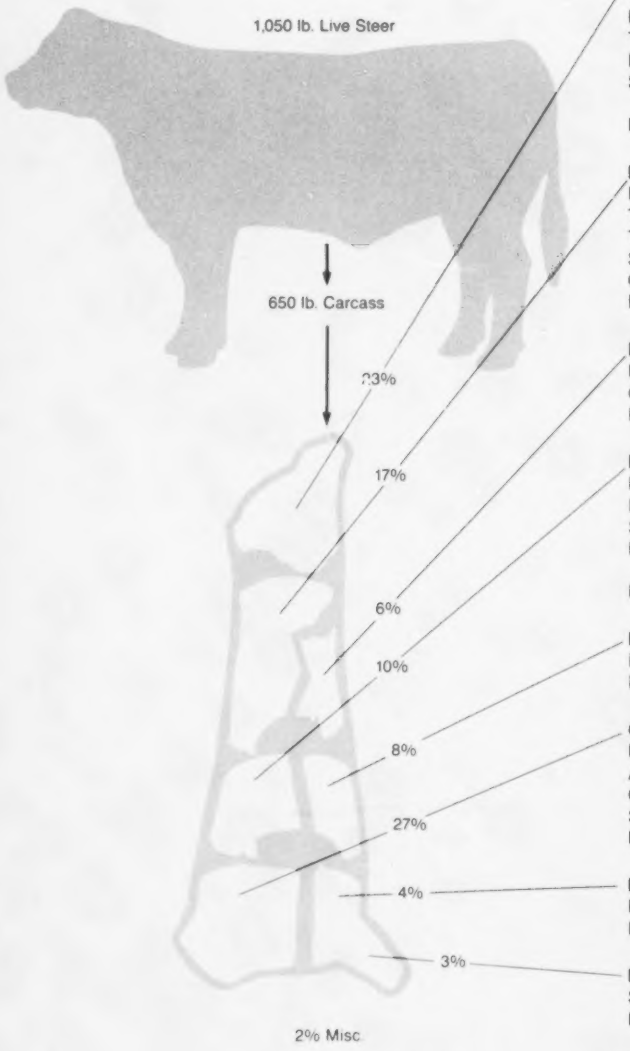
Source: U.S. Department of Agriculture

Top 10 Hog Slaughterers in 1986 (Ranked Alphabetically)

1. ConAgra, Inc.
2. Corn Belt Meats
3. Farmland Foods, Inc.
4. FDL Foods, Inc.
5. IBP inc.
6. John Morrell & Co.
7. Oscar Mayer Foods Corp.
8. Smithfield Foods, Inc.
9. Swift Independent Packing Co.
10. Wilson Foods Corp.

Source: U.S. Department of Agriculture

Steer Carcass Breakdown



	Retail Beef (Lbs)	Other Products (Lbs)	Carcass Total (Lbs)
ROUND (147.6 lbs)			
Top round	22.5		
Bottom round	21.7		
Tip	14.0		
Rump	5.1		
Stewing beef, ground beef, etc.	26.3		
Fat, bone		58.0	
Total	89.6	58.0	147.6
LOIN (110.5 lbs)			
Porterhouse steak	19.5		
T-bone steak	9.9		
Top loin steak	5.4		
Sirloin steak	43.2		
Ground beef	3.0		
Fat, bone		29.5	
Total	81.0	29.5	110.5
FLANK (37.1 lbs)			
Flank steak	3.7		
Ground beef	13.8		
Fat		19.6	
Total	17.5	19.6	37.1
RIB (62.0 lbs)			
Rib roast	25.4		
Rib steak	13.0		
Short ribs	4.9		
Braising beef, ground beef	6.5		
Fat, bone		12.2	
Total	49.8	12.2	62.0
PLATE (54.0 lbs)			
Plate, stew, short ribs	43.2		
Fat, bone		10.8	
Total	43.2	10.8	54.0
CHUCK (176.8 lbs)			
Blade roast	63.6		
Arm pot roast	23.9		
Cross rib pot roast	22.1		
Stew, ground beef	34.4		
Fat, bone		32.8	
Total	144.0	32.8	176.8
BRISKET (27.3 lbs)			
Boneless brisket	11.0		
Fat, bone		16.3	
Total	11.0	16.3	27.3
FORESHANK (18.9 lbs)			
Shank meat	9.0		
Bone		9.9	
Total	9.0	9.9	18.9
MISCELLANEOUS (15.8 lbs)			
Kidney, hanging tender	3.7		
Fat, suet, shrink and loss		12.1	
Total	3.7	12.1	15.8
TOTAL	**448.8**	**201.2**	**650.0**

Source: Derived by AMI from USDA and industry figures

Hog Carcass Breakdown

	Retail Pork* (Lbs)	Other Products (Lbs)	Carcass Total (Lbs)
HAM (39.4 lbs)			
Cured ham	20.1		
Fresh ham	4.1		
Trimmings	3.0		
Skin, fat, bone		12.2	
Total	27.2	12.2	39.4
LOIN (32.9 lbs)			
Blade roast	8.0		
Center chops	17.3		
Sirloin roast	5.6		
Fat		2.0	
Total	30.9	2.0	32.9
SIDE (36.4 lbs)			
Cured bacon	18.6		
Spareribs	6.4		
Trimmings	9.4		
Fat		2.0	
Total	34.4	2.0	36.4
SHOULDER (28.0 lbs)			
Boston Butt			
Blade steaks	7.0		
Blade roast	4.2		
Trimmings	0.8		
Total	12.0		12.0
Picnic			
Arm roast	7.7		
Trimmings	3.7		
Skin, fat, bone		4.6	
Total	11.4	4.6	16.0
MISCELLANEOUS (28.3 lbs)			
Jowls, feet, tails, neckbones, etc.	6.5		
Trimmings	3.9		
Fat, skin, bone		14.4	
Shrink and loss		3.5	
Total	10.4	17.9	28.3
TOTAL	**126.3**	**38.7**	**165.0**

Source: Derived by AMI from USDA and industry figures

**Retail cuts on semi-boneless basis. Fully boneless would show lower retail weight.*

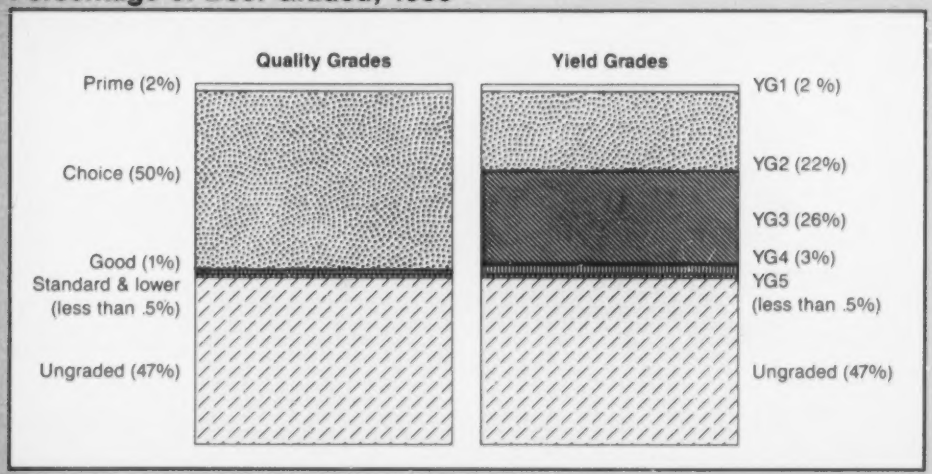
Beef Quality and Yield Graded, 1976–81 and 1983–86

	1976	1977	1978	1979	1980	1981*	1983*	1984	1985	1986
					Million Pounds					
QUALITY GRADED										
Prime	1,372	1,189	826	730	722	624	472	363	456	400
Choice	11,067	11,617	11,844	10,671	10,800	10,954	11,152	10,829	11,875	12,053
Good	892	719	643	490	516	431	423	430	386	344
Standard	58	38	28	19	26	16	13	12	11	6
Commercial	85	85	47	18	19	19	13	8	8	3
Utility	364	264	141	52	50	67	48	43	35	20
Cutter and Canner	74	22	12	5	4	7	1	1	4	1
Total	**13,912**	**13,934**	**13,542**	**11,985**	**12,137**	**12,118**	**12,121**	**11,686**	**12,774**	**12,827**
YIELD GRADED										
Grade #1	260	335	294	214	200	229	275	406	461	507
Grade #2	3,941	4,306	4,121	3,470	3,502	3,671	4,221	4,923	5,195	5,360
Grade #3	8,033	7,982	7,906	7,044	7,088	6,928	6,672	5,767	6,387	6,286
Grade #4	1,331	1,156	1,093	1,115	1,179	1,140	856	550	667	621
Grade #5	217	155	128	142	170	149	97	40	63	53
Total	**13,782**	**13,934**	**13,542**	**11,985**	**12,137**	**12,118**	**12,121**	**11,686**	**12,774**	**12,827**
Total Commercial Beef Production	**25,667**	**24,986**	**24,010**	**21,261**	**21,470**	**22,214**	**23,058**	**23,416**	**23,557**	**24,213**

Source: U.S. Department of Agriculture

**1982 not available; 1983 estimated by U.S.D.A.*

Percentage of Beef Graded, 1986



Hamburger and Beef: Consumption and Prices, 1970–86

	PER CAPITA CONSUMPTION				PRICES	
	HAMBURGER	PROCESSED BEEF[1]	BEEF CUTS	TOTAL BEEF	HAMBURGER[2]	CHOICE BEEF
	Pounds Retail				Dollars Per Pound	
1970	21.9	10.8	51.2	84.0	$ .66	$1.02
1971	22.1	10.4	50.8	83.4	.68	1.08
1972	22.4	10.0	53.0	85.4	.74	1.19
1973	21.9	9.4	49.2	80.5	.96	1.42
1974	24.7	10.1	50.9	85.6	.97	1.46
1975	30.1	11.7	46.0	87.9	.88	1.55
1976	30.5	11.3	52.6	94.4	.88	1.48
1977	28.4	10.0	53.4	91.8	.85	1.48
1978	27.2	9.1	51.0	87.2	.99	1.82
1979	23.6	7.4	47.0	78.0	1.32	2.26
1980	24.7	7.4	44.4	76.5	1.36	2.38
1981	25.2	7.1	44.7	77.1	1.33	2.39
1982	26.4	7.0	43.8	77.2	1.32	2.43
1983	26.5	6.6	45.5	78.7	1.29	2.38
1984	27.5	6.4	44.7	78.6	1.28	2.40
1985	27.2	6.0	46.0	79.1	1.24	2.33
1986	29.3	6.0	44.5	79.8	1.23	2.31

Source: Consumption data derived by AMI from government data; price data from U.S. Department of Labor, Bureau of Labor Statistics

[1]Includes beef sausage, bologna, and luncheon meats but excludes cured briskets and cooked beef

[2]1978–83 estimated based on Consumer Price Index for ground beef

Meat Products Processed Under Federal Inspection, 1986

ITEM	1986 52 Weeks Ending Dec. 31, 1986 Thousand Pounds
CURED	
Beef Briskets	135,676
Other Beef	155,026
Pork	3,659,319
Other Meats	43,432
SMOKED DRIED OR COOKED	
Hams	
Bone-In	100,063
Bone-In, Water Added	307,720
Semi-Boneless	9,934
Semi-Boneless, Water Added	79,318
Boneless	94,642
Boneless, Water Added	571,967
Sectioned & Formed	75,428
Sectioned & Formed, Water Added	369,367
Hams, Dry Cured	92,064
Total Hams	1,700,503
Pork-Regular	200,436
Pork-Water Added	238,416
Total Other Pork	438,852
Bacon	1,533,016
Total Pork	3,672,371
Beef, Cooked	432,718
Beef, Dried	31,906
Other Meats	316,900
FRESH/FROZEN PRODUCTS	
Beef Cuts	9,583,043
Beef Boning	9,918,770
Pork Cuts	9,644,949
Pork Boning	3,578,550
Other Cuts	616,212
Other Boning	201,460
Mechanically Processed Beef	1,569
Mechanically Processed Pork	19,975
Mechanically Processed Other	28
Steaks, Chops, Roasts	2,104,657
Steaks, Chops (Chopped-Formed)	270,095
Meat Patties	514,179
Hamburger/Ground Beef	3,473,964
Other Fresh/Frozen	965,577
CONVENIENCE FOODS	
Pizza	666,531
Pies	1,019,702
Dinners	268,690
Entrees	578,468
Other	378,741

Meat Products Processed Under Federal Inspection, 1986 (Continued)

ITEM	1986 52 Weeks Ending Dec. 31, 1986 Thousand Pounds
SAUSAGE	
Fresh Beef	19,947
Fresh Pork	880,795
Fresh Other	74,071
Uncooked Cured	27,864
Total Fresh	1,002,677
Dried	323,904
Semi-Dried	88,190
Total Dried or Semi Dried	412,094
Franks and Wieners	
Regular-Retail	875,011
Regular-Bulk	261,658
With Extenders, Retail	48,514
With Extenders, Bulk	55,844
With Variety Meats, Retail	44,654
With Variety Meats, Bulk	3,375
With Extenders and Variety Meats, Retail	46,114
With Extenders and Variety Meats, Bulk	17,843
Total Franks and Wieners	1,353,013
Bologna	
Regular	453,241
With Extenders	22,726
With Variety Meats	89,592
With Extenders and Variety Meats	34,546
Total Bologna	600,105
Liver Sausage	384,593
Cured Meat Loaves	85,465
Other Cooked Items	889,707
Total Liver, Loaves & Other	1,359,765
Nonspecific Loaves	125,616
Other Formulated Products	317,368
Total Other Sausage	442,984
Total Sausage	5,170,638
SLICED PRODUCTS	
Bacon, Retail	934,433
Bacon, Bulk	629,585
Total Bacon	1,564,018
Ham	538,457
Sausage, Under 12 oz.	237,158
Sausage, 12 oz. or over	840,259
Other Products	401,195
Total Other Sliced	2,017,069
FATS & OILS	
Lard Rendered	740,585
Lard Refined	522,077
Edible Tallow	1,918,364
Compound-with Animal Fat	1,111,435

Source: U.S. Department of Agriculture

Meat Products Canned Under Federal Inspection, 1986

ITEM	1986 52 Weeks Ending Dec. 31, 1986
	Thousand Pounds
Canned Hams:	
Under 3 lbs	20,506
3 to 6 lbs	51,334
Over 6 lbs	23,238
Total	95,078
Luncheon Meat	163,355
Chili Con Carne	317,240
Meat Stew	140,088
Hash Products	107,753
Pasta Meat Products	332,811
Pork Picnics & Loins	1,863
Vienna Sausage	89,492
Franks & Wieners	1,653
Misc. Sausage Products	11,304
Deviled Ham	8,097
Potted Products & Spreads	30,085
Tamales	19,530
Sliced Dried Beef	758
Chopped Beef-Hamburger	11,705
Vinegar Pickled Products	4,978
By-Products, Not Pickled	2,025
Corned Beef	17,074
All Other, +20%, Meat	122,161
All Other, −20%, Meat	233,564
Total Canned Meats[1]	**1,710,664**

Source: U.S. Department of Agriculture

[1]Figure excludes soup, but includes all government purchases

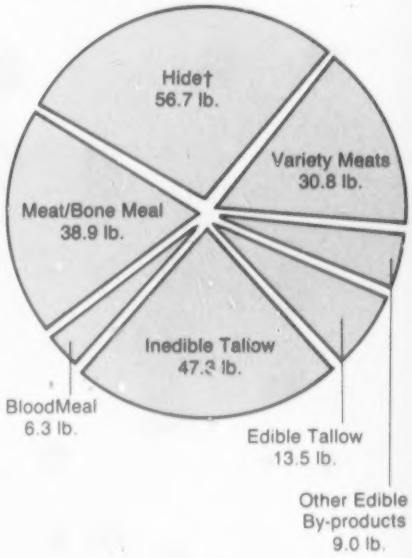
U.S. Production of Edible By-Products, Edible and Inedible Tallow, and Lard, 1970–86

	EDIBLE BY-PRODUCTS	EDIBLE TALLOW*	INEDIBLE TALLOW*	LARD
	Million Pounds			
1970	2,529	558	4,877	1,913
1971	2,627	542	4,968	1,960
1972	2,545	545	4,834	1,558
1973	2,376	475	5,237	1,254
1974	2,586	576	5,527	1,366
1975	2,510	514	4,655	1,012
1976	2,700	536	5,675	1,060
1977	2,688	769	6,106	1,037
1978	2,605	835	5,816	1,006
1979	2,533	904	5,836	1,155
1980	2,622	1,043	5,916	1,217
1981	2,627	1,130	5,868	1,167
1982	2,530	1,110	6,014	919
1983	2,643	1,260	6,128	978
1984	2,646	1,380	5,925	936
1985	2,655	1,611	5,827	929
1986	2,650	1,523	5,541	874

Source: U.S. Departments of Agriculture and Commerce

**Includes tallow and greases recovered in further processing and rendering as well as in packing plants*

Cattle By-Products*



Source: Derived from U.S. Department of Agriculture data.

*Based on 1,050 lb. steer

†Brine cured, trimmed and fleshed

Cattlehides: Slaughter, Prices and Exports, 1970–86

	COMMERCIAL CATTLE SLAUGHTER	BUTT BRANDED STEER HIDE PRICE AT CHICAGO	EXPORTS	VALUE OF EXPORTS
	Ths. Head	Cents Per Pound	Ths. Whole Hides†	Mil. Dollars
1970	35,025	11.0	14,668	$ 129.6
1971	35,585	11.9	15,514	132.7
1972	35,779	27.2	17,089	265.1
1973	33,687	28.6	16,659	339.3
1974	36,812	19.5	18,094	296.9
1975	40,911	20.9	21,042	259.6
1976	42,654	30.9	24,885	471.1
1977	41,856	33.5	24,163	525.5
1978	39,552	45.6	24,545	642.4
1979	33,678	66.8	22,833	905.8
1980	33,806	41.9	19,030	632.8
1981	34,953	42.0	19,509	613.6
1982	35,843	39.6	22,822	694.3
1983	36,649	46.9	21,281	728.4
1984	37,582	55.8	25,029	1,066.6
1985	36,289	51.0	24,956	991.9
1986	37,290	60.4	26,481	1,199.6

Source: U.S. Departments of Agriculture and Commerce and Tanners Council of America, U.S. Leather Industry Statistics

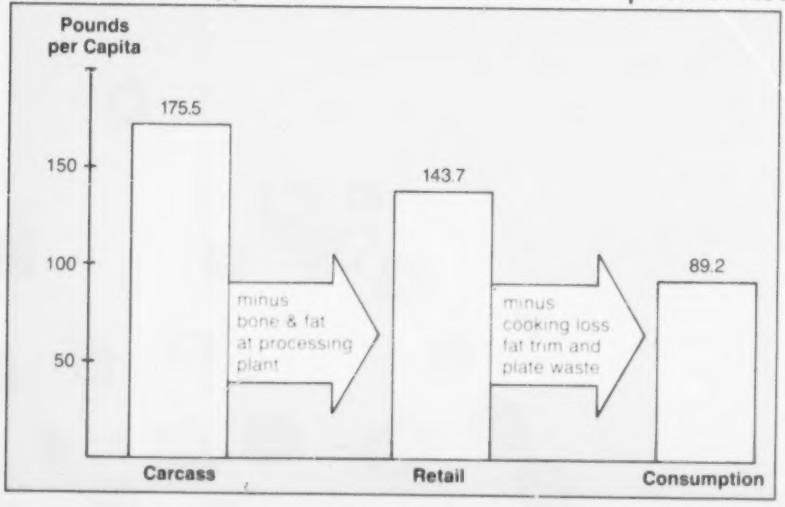
†Whole hides represent over 96% of total exports on an equivalent hide basis

Per Capita Disappearance of Red Meat, Carcass & Retail Weight Basis, 1960–86

	BEEF		VEAL		PORK		LAMB & MUTTON		TOTAL RED MEAT	
	Carcass	Retail	Carcass	Retail	Carcass	Retail	Carcass	Retail	Carcass	Retail
1960	85.1	64.2	6.1	5.2	77.6	60.3	4.8	4.3	173.6	134.0
1961	87.8	65.8	5.6	4.7	74.2	57.7	5.1	4.5	172.7	132.7
1962	88.9	66.2	5.5	4.6	75.6	59.1	5.2	4.6	175.2	134.5
1963	94.4	69.9	4.9	4.1	76.3	61.0	4.9	4.4	180.5	139.4
1964	99.9	73.9	5.2	4.3	76.2	61.0	4.2	3.7	185.5	142.9
1965	99.5	73.6	5.2	4.3	67.2	54.7	3.7	3.3	175.6	135.9
1966	104.1	77.0	4.6	3.8	65.7	54.4	4.0	3.6	178.3	138.8
1967	106.5	78.8	3.8	3.2	72.0	60.0	3.9	3.5	186.1	145.5
1968	109.7	81.2	3.6	3.0	73.5	61.4	3.7	3.3	190.5	148.9
1969	110.8	82.0	3.3	2.7	71.4	60.5	3.5	3.1	189.0	148.3
1970	113.5	84.0	2.9	2.4	72.6	62.3	3.2	2.9	192.2	151.6
1971	112.7	83.4	2.7	2.2	78.7	68.3	3.2	2.8	197.2	156.7
1972	115.5	85.4	2.2	1.9	70.9	62.9	3.3	2.9	191.9	153.1
1973	108.8	80.5	1.8	1.5	63.4	57.3	2.6	2.4	176.7	141.7
1974	115.7	85.6	2.3	1.9	68.5	61.8	2.3	2.0	188.8	151.3
1975	118.8	87.9	4.1	3.4	55.4	50.7	2.0	1.8	180.3	143.7
1976	127.5	94.4	4.0	3.3	58.6	53.7	1.8	1.6	191.9	153.0
1977	124.0	91.8	3.8	3.2	60.5	55.8	1.7	1.5	190.0	152.3
1978	117.9	87.2	2.9	2.4	60.3	55.9	1.6	1.4	182.6	146.9
1979	105.5	78.0	2.0	1.7	68.8	63.8	1.5	1.3	177.8	144.8
1980	103.4	76.5	1.8	1.5	73.5	68.3	1.5	1.4	180.2	147.7
1981	104.2	77.1	1.9	1.6	69.9	65.0	1.6	1.4	177.6	145.1
1982	104.3	77.2	2.0	1.6	62.6	59.0	1.6	1.5	170.5	139.3
1983	106.2	78.6	2.0	1.6	66.1	62.2	1.7	1.5	175.9	143.9
1984	106.0	78.5	2.1	1.8	65.6	61.8	1.7	1.5	175.5	143.7
1985	106.9	79.1	2.2	1.8	66.0	62.0	1.6	1.4	176.8	144.4
1986	107.9	79.8	2.3	1.9	62.3	58.6	1.5	1.4	174.0	141.7

Source: U.S. Department of Agriculture

Per Capita Disappearance and Actual Consumption of Red Meat



Source: "Contribution of Red Meat to the U.S. Diet," National Live Stock and Meat Board

Note: Figures are for 1984

Per Capita Disappearance of Poultry, Retail Weight Basis, 1960–86

YEAR	BROILERS	OTHER CHICKEN	TOTAL CHICKEN	TURKEY	TOTAL POULTRY
			Pounds		
1960	23.4	4.4	27.8	6.2	34.0
1961	25.9	4.0	29.9	7.4	37.3
1962	25.8	4.1	29.9	7.0	36.8
1963	27.1	3.7	30.8	6.8	37.6
1964	27.7	3.5	31.2	7.3	38.5
1965	29.6	3.7	33.3	7.4	40.7
1966	32.0	3.6	35.6	7.8	43.4
1967	32.4	4.1	36.4	8.5	44.9
1968	32.8	3.9	36.7	7.9	44.6
1969	34.8	3.6	38.4	8.3	46.7
1970	36.8	3.6	40.4	8.0	48.4
1971	36.5	3.8	40.3	8.3	48.6
1972	38.2	3.6	41.8	8.9	50.7
1973	37.2	3.3	40.5	8.5	49.0
1974	37.2	3.5	40.7	8.8	49.5
1975	36.7	3.4	40.1	8.5	48.6
1976	39.9	2.8	42.7	9.1	51.8
1977	41.1	3.0	44.1	9.1	53.2
1978	43.8	2.9	46.7	9.2	55.9
1979	47.7	2.9	50.6	9.9	60.5
1980	47.0	3.1	50.1	10.5	60.6
1981	48.6	3.1	51.7	10.8	62.5
1982	50.0	3.1	53.1	10.8	63.9
1983	50.8	3.0	53.8	11.3	65.1
1984	53.0	2.7	55.7	11.4	67.1
1985	55.5	2.5	58.0	12.1	70.1
1986	57.3	2.6	59.9	13.5	73.4

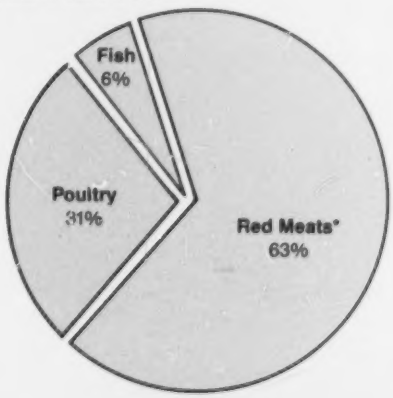
Source: U.S. Department of Agriculture

Per Capita Disappearance of Red Meat, Poultry & Fish, Retail Weight Basis, 1960–86

	TOTAL RED MEAT	VARIETY MEATS	POULTRY	FISH	TOTAL RED MEAT, POULTRY AND FISH
			Pounds		
1960	134.0	10.9	34.0	10.3	189.2
1961	132.7	10.7	37.3	10.7	191.4
1962	134.5	10.7	36.8	10.6	192.6
1963	139.4	10.1	37.6	10.7	197.8
1964	142.9	11.1	38.5	10.5	203.0
1965	135.9	10.4	40.7	10.8	197.8
1966	138.8	10.6	43.4	10.9	203.7
1967	145.5	11.1	44.9	10.6	212.1
1968	148.9	11.2	44.6	11.0	215.7
1969	148.3	11.0	46.7	11.2	217.2
1970	151.6	11.2	48.4	11.8	223.0
1971	156.7	11.3	48.5	11.5	228.0
1972	153.1	10.8	50.7	12.5	227.1
1973	141.7	9.8	48.9	12.8	213.2
1974	151.3	10.7	49.5	12.1	223.6
1975	143.7	10.2	48.6	12.2	214.6
1976	153.0	10.6	51.8	12.9	228.3
1977	152.3	10.4	53.2	12.7	228.6
1978	146.9	9.8	55.9	13.4	226.0
1979	144.8	9.6	60.5	13.0	227.9
1980	147.7	9.5	60.6	12.8	230.6
1981	145.1	9.4	62.4	12.9	229.8
1982	139.3	8.6	63.9	12.3	224.1
1983	143.9	9.1	65.1	13.1	231.2
1984	143.7	9.3	67.1	13.7	233.8
1985	144.4	8.8	70.1	14.5	237.8
1986	141.7	8.8	73.4	14.7	238.6

Source: U.S. Department of Agriculture

Meat Consumption Shares



1986

*Includes variety meats

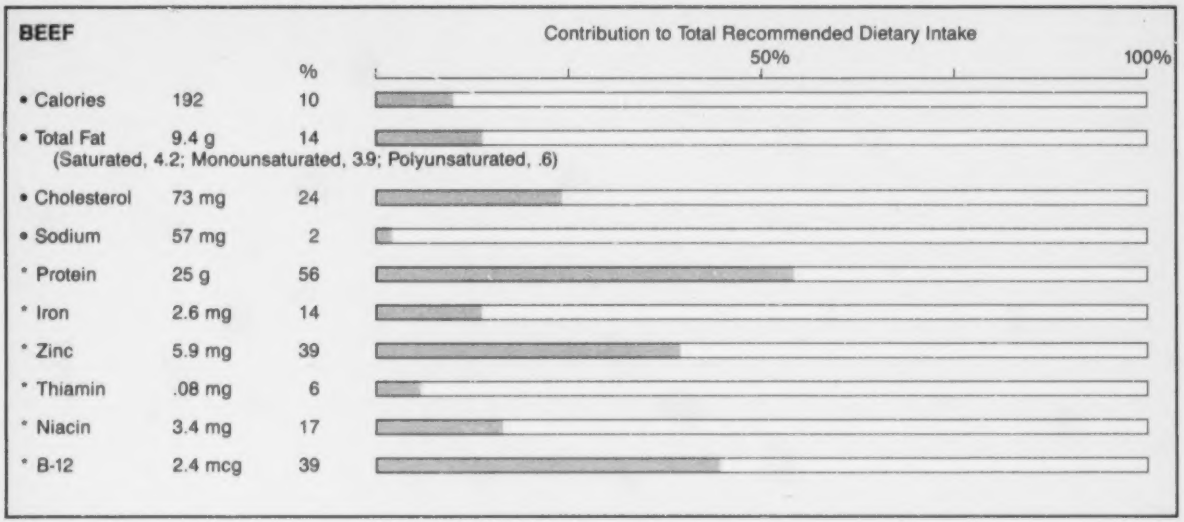
Per Capita Disappearance of Red Meat, Poultry & Fish, Edible Weight Basis, 1960–86

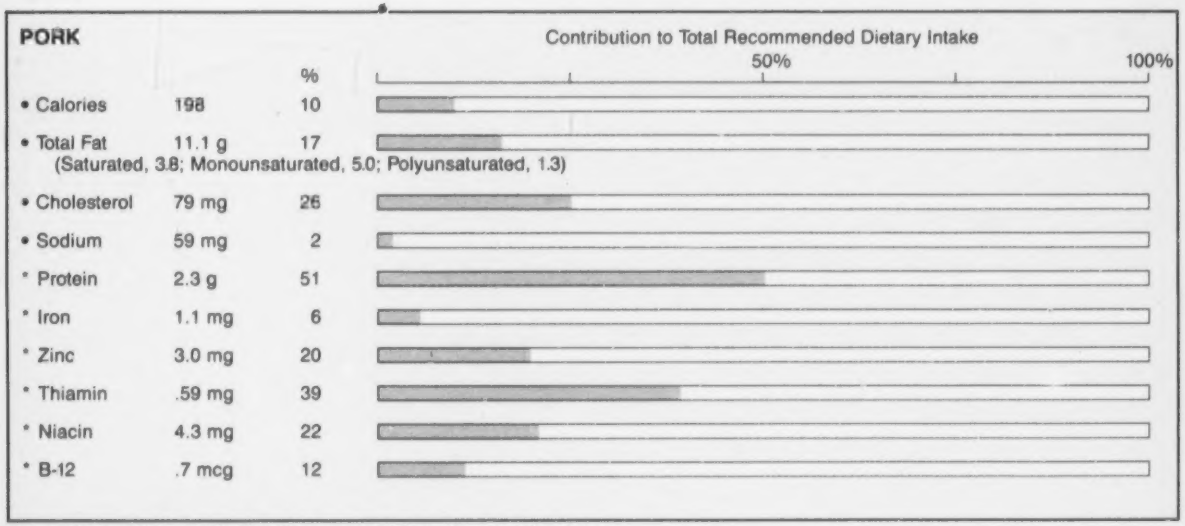
YEAR	BEEF	VEAL	PORK	LAMB	CHICKEN	TURKEY	FISH	TOTAL RED MEAT,* POULTRY AND FISH
					Pounds			
1960	59.4	4.2	43.5	3.2	19.3	4.9	10.3	144.8
1961	61.3	3.8	41.5	3.4	20.8	5.8	10.7	147.3
1962	62.1	3.8	42.5	3.4	20.8	5.5	10.6	148.7
1963	65.9	3.4	43.8	3.2	21.4	5.4	10.7	153.8
1964	69.7	3.6	43.8	2.8	21.7	5.8	10.5	157.9
1965	69.5	3.6	45.0	2.4	23.1	5.8	10.8	160.2
1966	72.7	3.2	44.0	2.6	24.7	6.2	10.9	164.3
1967	74.3	2.6	48.2	2.6	25.4	6.7	10.6	170.4
1968	76.6	2.5	49.2	2.4	25.4	6.2	11.0	173.3
1969	77.3	2.3	47.8	2.3	26.6	6.6	11.2	174.1
1970	79.3	2.0	48.6	2.1	28.0	6.3	11.8	178.1
1971	78.7	1.8	52.7	2.1	28.0	6.6	11.5	181.4
1972	80.6	1.5	47.5	2.2	29.0	7.0	12.5	180.3
1973	75.9	1.2	42.5	1.7	28.1	6.7	12.8	168.9
1974	80.8	1.6	45.9	1.5	28.3	7.0	12.1	177.2
1975	82.9	2.8	37.1	1.3	27.8	6.7	12.2	170.8
1976	89.0	2.7	39.3	1.2	29.5	7.2	12.9	181.8
1977	86.6	2.6	40.5	1.1	30.6	7.2	12.7	181.3
1978	82.3	2.0	40.4	1.0	32.3	7.3	13.4	178.8
1979	73.6	1.4	46.1	1.0	35.0	7.8	13.0	177.9
1980	72.2	1.2	49.2	1.0	34.7	8.3	12.8	179.4
1981	72.7	1.3	46.8	1.1	35.8	8.5	12.9	179.1
1982	72.8	1.4	41.9	1.1	36.8	8.5	12.3	174.8
1983	74.1	1.4	44.3	1.1	37.3	8.9	13.1	180.2
1984	74.0	1.4	44.0	1.1	38.6	9.0	13.7	181.8
1985	74.6	1.5	44.2	1.1	39.7	9.4	14.5	185.0
1986	75.3	1.6	41.7	1.0	41.4	10.7	14.7	186.4

Source: U.S. Department of Agriculture

**Excludes variety meats*

Beef and Pork—Nutritional Profiles[1]


BEEF
Contribution to Total Recommended Dietary Intake
50%
100%
%
• Calories 192 10
• Total Fat 9.4 g 14
(Saturated, 4.2; Monounsaturated, 3.9; Polyunsaturated, .6)
• Cholesterol 73 mg 24
• Sodium 57 mg 2
* Protein 25 g 56
* Iron 2.6 mg 14
* Zinc 5.9 mg 39
* Thiamin .08 mg 6
* Niacin 3.4 mg 17
* B-12 2.4 mcg 39


PORK
Contribution to Total Recommended Dietary Intake
50%
100%
%
• Calories 198 10
• Total Fat 11.1 g 17
(Saturated, 3.8; Monounsaturated, 5.0; Polyunsaturated, 1.3)
• Cholesterol 79 mg 26
• Sodium 59 mg 2
* Protein 2.3 g 51
* Iron 1.1 mg 6
* Zinc 3.0 mg 20
* Thiamin .59 mg 39
* Niacin 4.3 mg 22
* B-12 .7 mcg 12

Source: Derived from data in U.S. Department of Agriculture Handbook 8–10

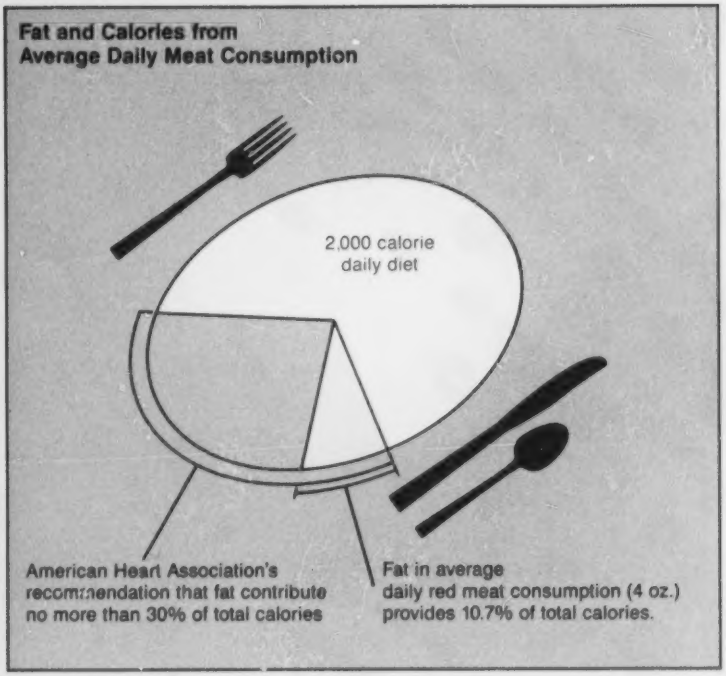
[1]Based on composite average for 3 oz. serving, roasted and trimmed

• Based on standards of comparison:

2,000 calories per day is the midpoint of the recommendation by the National Academy of Sciences for women aged 23–51. NAS also recommends a maximum of 3,300 mg sodium per day. The American Heart Association recommends that fat contribute not more than 30% of total daily calories and that cholesterol be limited to 300 mg per day.

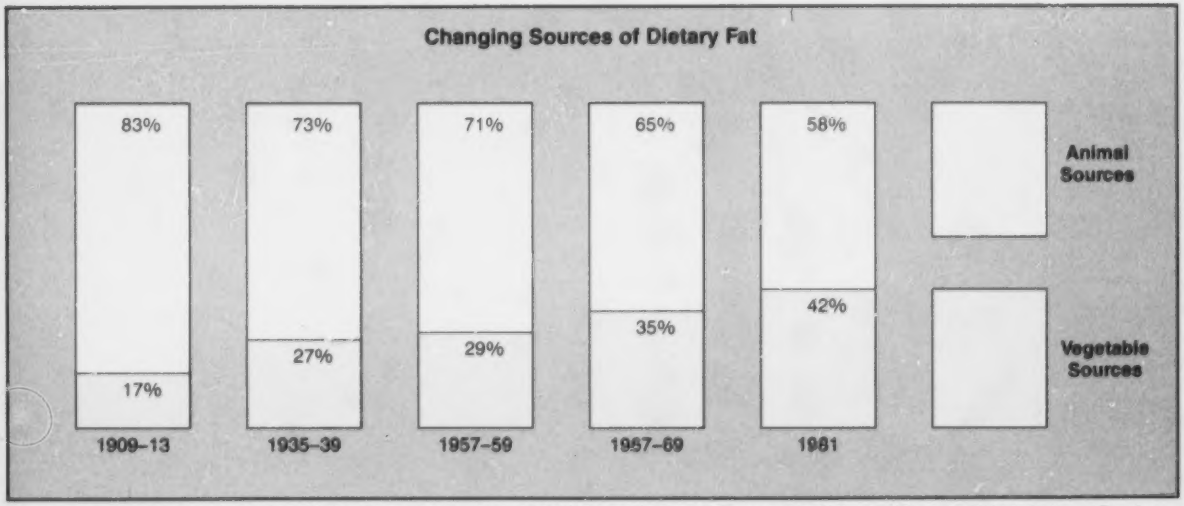
**Based on U.S. Recommended Daily Allowances*

Red Meats and Fat


Fat and Calories from
Average Daily Meat Consumption
2,000 calorie
daily diet
American Heart Association's
recommendation that fat contribute
no more than 30% of total calories
Fat in average
daily red meat consumption (4 oz.)
provides 10.7% of total calories.

Saturated Fat Content of Cooked Lean Meat

MEAT	PORTION	PERCENT OF TOTAL FAT WHICH IS SATURATED
BEEF	3 oz.	48% (4.2 grams)
PORK	3 oz.	36% (3.8 grams)
LAMB	3 oz.	56% (4.2 grams)
VEAL	3 oz.	48% (5.5 grams)



Source: AMI compilation of data from U.S.D.A. and R. Marston and S. Welsh, "Nutrient Content of the U.S. Food Supply, 1981," National Food Review, NFR-21, 1983

Livestock and Wholesale Meat Prices, 1979–86

LIVESTOCK PRICES

ITEM	1979	1980	1981	1982	1983	1984	1985	1986
	Dollars Per Hundred Pounds, Live							
Choice Steers, 900–1100 lbs. at Omaha	$67.75	$66.96	$63.84	$64.22	$62.52	$65.34	$58.37	$57.76
Choice Heifers, 900–1100 lbs. at Omaha	65.91	64.90	62.05	62.79	61.42	64.59	58.25	57.33
Cows, Canner & Cutter, at Omaha	46.91	42.58	39.61	36.50	36.35	35.88	35.88	34.33
Feeder Steers, 600–700 lbs. at Kansas City	83.08	75.23	66.24	64.82	63.70	65.29	64.56	62.79
Barrows & Gilts at 7 Markets	42.06	39.48	44.05	55.07	47.33	48.98	44.50	51.36
Sows at 7 Markets	35.43	36.01	40.27	49.59	40.68	43.29	39.41	45.54
Slaughter Lambs at San Angelo	68.75	66.64	59.04	56.44	56.47	61.56	66.95	70.00

Source: U.S. Department of Agriculture

WHOLESALE MEAT PRICES AT MIDWEST

ITEM	1979	1980	1981	1982	1983	1984	1985	1986
	Dollars Per Hundred Pounds, Carlot Basis							
Choice Steer Beef Carcass, 600–700 lbs.	$101.11	$104.44	$ 99.84	$101.31	$ 97.83	$100.09	$ 90.76	$ 88.98
Choice Heifer Beef Carcass, 550–600 lbs.*	100.00	101.86	97.48	98.54	94.45	96.62	88.48	87.72
Cow Beef, Canner and Cutter	100.48	92.45	84.06	78.96	78.48	74.70	74.13	71.31
Domestic Boneless Beef, Fresh								
90% Chemical Lean	140.99	125.94	117.52	111.10	108.99	101.13	100.84	98.25
85% Chemical Lean	130.50	121.87	108.57	105.10	101.79	94.44	94.22	90.92
50% Chemical Lean	56.47	58.75	53.85	59.04	48.87	53.56	41.71	43.63
Lamb Carcass, Choice and Prime, Spring and shorn, 55 lbs. & down	136.56	134.93	126.89	137.89	138.78	134.74	144.24	144.77
Fresh Pork Loins, 14–17 lbs.	89.84	83.66	95.39	109.71	97.29	96.36	91.51	104.81
Pork Bellies, 12–14 lbs.	45.99	43.78	52.29	76.54	61.72	60.19	59.50	65.81
Hams, Skinned, 17–20 lbs.	74.86	69.77	75.69	90.22	73.99	75.41	67.27	78.30

Source: U.S. Department of Agriculture and National Provisioner Daily Market & News Service

[1]Figures are for the East Coast

**500–600 lbs. prior to 1986*

U.S. Average Retail Meat Prices

ITEM	1965	1970	1975	1980	1981	1982	1983	1984	1985	1986
					Dollars Per Pound					
Beef (Choice Grade)	**$ .82**	**$1.02**	**$1.55**	**$2.38**	**$2.39**	**$2.43**	**$2.38**	**$2.40**	**$2.33**	**$2.31**
Sirloin Steak	1.14	1.35	1.99	2.95	2.99	3.06	3.06	3.08	2.96	2.96
Porterhouse Steak	1.32	1.59	2.37	3.73	3.84	3.20	3.88	4.06	4.04	4.22
Round Steak	1.08	1.30	1.89	2.77	2.86	2.95	2.90	2.91	2.77	2.77
Round Roast	1.08	1.29	1.84	2.61	2.63	2.64	2.55	2.58	2.47	2.44
Rib Roast	.90	1.12	1.80	2.95	3.03	3.22	3.24	3.35	3.28	3.26
Chuck Roast	.60	.73	1.03	1.82	1.82	1.79	1.74	1.68	1.57	1.59
Ground Chuck	.51	.66	.88	1.83	1.80	1.78	1.73	1.72	1.68	1.64
Beef Liver	.57	.68	.87	1.17	1.13	1.02	.97	.98	.96	.97
Fresh Pork	**.65**	**.77**	**1.35**	**1.40**	**1.52**	**1.75**	**1.70**	**1.62**	**1.62**	**1.78**
Pork Chops	.97	1.16	1.86	1.95	2.13	2.39	2.37	2.38	2.34	2.59
Sliced Bacon	.81	.95	1.76	1.46	1.67	2.05	1.94	1.86	1.94	2.08
Smoked Picnic	.45	.57	.90	.99	1.04	1.15	1.05	1.01	1.02	1.06
Canned Ham	.98	1.21	1.94	2.32	2.46	2.65	2.67	2.56	2.56	2.68
Fresh Pork Sausage	.60	.79	1.43	1.41	1.61	1.88	1.87	1.71	1.74	1.91
Frankfurters	.66	.83	1.19	1.72	1.77	1.82	1.81	1.80	1.81	1.93
Bologna	.43	.56	.80	2.01	2.11	2.21	2.18	2.13	2.11	2.17
Poultry										
Whole Broilers	.39	.41	.63	.72	.74	.72	.73	.81	.78	.84
Frozen Hen Turkeys	.48	.56	.73	.89	.98	.93	.92	.99	1.05	1.07

Source: U.S. Department of Labor, Bureau of Labor Statistics

Consumer and Producer Price Indices, 1979–86

ITEM	1979	1980	1981	1982	1983	1984	1985	1986
				(1967=100)				
CONSUMER PRICE INDICES								
All Items	217.4	246.8	272.4	289.1	298.4	311.1	322.2	328.4
All Foods	234.5	254.6	274.6	285.7	291.7	302.9	309.8	319.7
Food at Home	232.9	251.5	269.9	279.2	282.2	292.6	296.8	305.3
Food Away	242.9	267.0	291.0	306.5	319.9	333.4	346.6	360.1
All Meats	241.9	248.6	257.8	270.3	267.2	268.1	265.5	273.9
Beef and Veal	255.8	270.3	272.6	276.5	272.3	275.6	269.7	271.4
Pork	216.4	209.1	228.6	258.1	255.8	252.5	253.1	273.8
Other Meats	239.5	248.6	259.2	267.0	266.0	267.1	268.8	275.7
PRODUCER PRICE INDICES								
Total Finished Goods	217.7	247.0	269.8	280.5	285.2	291.1	293.7	289.6
All Commodities	235.6	268.8	293.4	299.3	303.1	310.3	308.7	299.8
All Meats	233.8	235.9	239.0	250.6	236.4	236.8	227.9	235.2
Beef and Veal	252.2	260.2	246.8	245.0	236.3	237.1	221.3	216.0
Pork	204.9	196.7	218.1	251.1	227.5	226.5	223.8	250.9
Other Meats	227.4	229.8	250.6	266.1	250.9	251.3	250.1	259.1

Source: U.S. Department of Labor

Per Capita Income and Red Meat Expenditures, 1965–86

	Disposable Personal Income	Red Meat[1] Expenditures	Expenditures as Percent of: Disposable Personal Income	Expenditures as Percent of: Total Food Expenditures
1965	$ 2,505	$101.89	4.07%	22.75%
1966	2,675	111.64	4.17	23.86
1967	2,828	116.12	4.11	24.51
1968	3,037	124.60	4.10	24.87
1969	3,239	133.69	4.13	25.13
1970	3,489	136.00	3.90	23.73
1971	3,740	143.81	3.85	24.06
1972	4,000	156.71	3.92	24.65
1973	4,481	189.26	4.22	26.53
1974	4,855	190.69	3.93	23.57
1975	5,291	209.29	3.96	23.88
1976	5,744	210.00	3.66	22.32
1977	6,262	216.22	3.45	21.43
1978	6,968	254.55	3.65	22.92
1979	7,682	296.57	3.86	24.01
1980	8,421	287.93	3.42	21.33
1981	9,243	292.08	3.16	20.28
1982	9,724	299.18	3.08	20.01
1983	10,340	301.78	2.92	19.19
1984	11,265	298.68	2.65	18.04
1985	11,817	294.14	2.49	17.10
1986	12,305	299.12	2.43	16.63

Source: Derived from data provided by U.S. Departments of Agriculture and Commerce

[1]Beef, veal, pork and mutton. Expenditures for veal, lamb and mutton from 1981 onwards estimated by AMI

Meat Expenditures by Consumer Characteristics

	AVERAGE WEEKLY AT-HOME EXPENDITURES PER CONSUMER UNIT					
	BEEF	PORK	OTHER MEATS	POULTRY	FISH	ALL FOODS
By Income						
$ 5,000–$ 9,999	$2.73	$1.88	$1.15	$1.37	$ .86	$27.93
$10,000–$14,999	3.49	2.26	1.46	1.59	1.04	34.37
$15,000–$19,999	4.07	2.21	1.69	1.77	1.15	37.33
$20,000–$29,999	4.09	2.59	1.60	1.53	1.36	39.95
$30,000–$39,999	4.84	2.95	1.91	2.01	1.27	48.66
$40,000 and over	5.59	2.85	2.17	2.30	1.73	54.69
By Number of Earners						
Single Consumers						
No Earner	1.56	.85	.58	.80	.80	18.03
One Earner	1.33	.70	.56	.64	.49	15.06
Two or More Consumers						
No Earner	3.27	2.62	1.51	1.67	1.16	35.92
One Earner	4.75	2.53	1.70	1.95	1.24	43.23
Two Earners	4.46	2.77	1.93	1.84	1.39	43.70
Three or More	6.82	3.85	2.68	2.68	2.87	61.26
By Size of Consumer Unit						
One Person	1.42	.76	.57	.70	.61	16.23
Two Persons	3.43	1.97	1.28	1.41	1.01	32.42
Three Persons	4.58	2.79	1.95	1.98	1.53	45.40
Four Persons	6.22	3.40	2.35	2.29	1.38	54.30
Five Persons	6.07	3.96	2.66	2.79	1.70	60.46
Six or more	6.72	5.06	3.34	3.31	5.04	71.92
By Composition of Consumer Unit						
Husband and Wife	3.62	2.10	1.33	1.45	1.07	33.69
Oldest Child Aged:						
Under 6	4.01	2.22	1.72	1.67	1.02	43.25
6–7	5.75	3.64	2.34	2.48	1.81	56.20
18 or Over	7.18	3.99	3.03	2.41	3.13	62.42
One Parent With Children						
Aged Under 18	3.68	2.16	1.39	1.74	.90	32.96
Others	2.10	1.20	.84	1.00	.73	21.79
By Region						
Northeast	4.09	2.27	1.88	1.95	1.65	39.61
Midwest	3.79	2.48	1.82	1.32	.86	37.16
South	3.77	2.22	1.25	1.67	1.46	34.76
West	3.72	2.10	1.34	1.63	1.12	39.40
By Race						
White and Other	3.90	2.23	1.58	1.58	1.25	38.22
Black	3.33	2.64	1.37	2.06	1.53	30.21
By Housing Tenure						
Homeowner	4.48	2.67	1.83	1.80	1.46	43.03
Renter	2.76	1.63	1.09	1.35	.98	27.69

Source: U.S. Department of Labor, Bureau of Labor Statistics, 1984 Consumer Expenditure Survey

Consumer Expenditures for Meat, Poultry and Fish in Grocery Stores, 1985 & 1975

ITEM	1985 ($ Mil.)	% OF FOOD & BEVERAGES	% OF TOTAL	1975 ($ Mil.)	% OF FOOD & BEVERAGES	% OF TOTAL	% CHANGE 1975–1985
Fresh Meat	**$26,741**	**13.1%**	**10.1%**	**$14,705**	**14.5%**	**11.4%**	**+81.8%**
Beef	21,197	10.4	8.0	10,729	10.6	8.3	+97.6
Veal	695	.3	.3	830	.8	.6	−16.3
Lamb	1,060	.5	.4	563	.6	.4	+88.3
Pork	3,788	1.9	1.4	2,582	2.5	2.0	+46.7
Processed Meats	**13,190**	**6.5**	**5.0**	**9,850**	**9.7**	**7.6**	**+33.9**
Cured Hams & Picnics	2,171	1.1	.8	1,609	1.6	1.2	+34.9
Packaged Bacon	2,202	1.1	.8	1,927	1.9	1.5	+14.3
Frankfurters	1,543	.8	.6	1,072	1.1	.8	+43.9
Sausages	1,106	.5	.4	634	.6	.5	+74.4
Other Sausage Products	2,822	1.4	1.1	1,721	1.7	1.3	+64.0
Cold Cuts & Other	3,346	1.6	1.3	2,887	2.8	2.2	+15.9
Frozen Meat	**227**	**.1**	**.1**	**168**	**.2**	**.1**	**+35.1**
Canned Meat	**1,420**	**.7**	**.5**	**1,317**	**1.3**	**1.0**	**+7.8**
Total Above	**41,578**	**20.4**	**15.7**	**26,040**	**25.7**	**20.1**	**+59.7**
Poultry	**9,010**	**4.4**	**3.4**	**4,169**	**4.1**	**3.2**	**+116.1**
Fresh	7,106	3.5	2.7	3,097	3.1	2.4	+129.4
Frozen	1,799	.9	.7	1,012	1.0	.8	+77.8
Canned	105	.1	.1	60	.1	*	+75.0
Fish & Seafood	**5,154**	**2.5**	**1.9**	**2,115**	**2.1**	**1.6**	**+143.7**
Fresh	2,710	1.3	1.0	881	.9	.7	+207.6
Frozen	634	.3	.2	301	.3	.2	+110.6
Canned	1,810	.9	.7	933	.9	.8	+94.0
Total Meat, Poultry & Seafood	**55,742**	**27.4**	**21.0**	**32,324**	**31.9**	**25.0**	**+72.4**
Total Grocery Store Sales	**265,627**	**—**	**100.0**	**129,257**	**—**	**100.0**	**+105.5**
Food & Beverages	203,590	100.0	76.7	101,287	100.0	78.4	+101.0
Non-Foods & General Merchandise	62,037	—	23.4	27,970	—	21.6	+121.8

Source: Compiled from* Supermarket Business *magazine

**Less than 0.05%*

Employment and Earnings for Meat Packing and Meat Processing Industries Compared with All Food and All Manufacturing

ITEM	UNIT	1965	1975	1980	1984	1985	1986
MEAT PACKING							
Total Employees	Thousand	193.3	168.2	160.6	144.5	141.7	143.0
Production Workers	Thousand	149.1	135.7	131.3	119.3	117.7	119.8
Avg. Weekly Earnings	Dollars	$126.18	$234.74	$351.49	$334.15	$332.91	$337.84
Avg. Weekly Hours	Hours	42.4	41.4	41.4	40.9	41.1	41.0
Avg. Hourly Earnings	Dollars	$2.99	$5.67	$8.49	$8.17	$8.10	$8.24
MEAT PROCESSING							
Total Employees	Thousand	52.0	67.2	70.1	73.0	74.2	75.2
Production Workers	Thousand	37.2	47.3	51.5	53.9	54.4	55.3
Avg. Weekly Earnings	Dollars	$114.54	$217.62	$317.56	$353.82	$353.10	$350.47
Avg. Weekly Hours	Hours	41.2	40.6	39.4	39.8	40.4	40.1
Avg. Hourly Earnings	Dollars	$2.78	$5.36	$8.06	$8.89	$8.74	$8.74
ALL FOOD							
Total Employees	Thousand	1,756.7	1,657.5	1,708.0	1,612.2	1,607.9	1,641.1
Production Workers	Thousand	1,159.1	1,120.3	1,174.6	1,119.5	1,121.9	1,153.3
Avg. Weekly Earnings	Dollars	$99.87	$185.78	$271.95	$333.92	$342.80	$349.60
Avg. Weekly Hours	Hours	41.1	40.3	39.7	39.8	40.0	40.0
Avg. Hourly Earnings	Dollars	$2.43	$4.61	$6.85	$8.39	$8.57	8.74
ALL MANUFACTURING							
Total Employees	Thousand	18,062.0	18,323.0	20,285.0	19,378.0	19,314.0	19,186.0
Production Workers	Thousand	13,434.0	13,043.0	14,214.0	13,285.0	13,130.0	13,023.0
Avg. Weekly Earnings	Dollars	$107.53	$190.79	$288.62	$374.03	$385.97	$396.01
Avg. Weekly Hours	Hours	41.2	39.5	39.7	40.7	40.5	40.7
Avg. Hourly Earnings	Dollars	$2.61	$4.83	$7.27	$9.19	$9.53	$9.73

Source: U.S. Department of Labor

Meat Industry Sales Breakdown by Company Type, 1985

ITEM	PACKERS[1]	PACKER/ PROCESSORS[2]	PROCESSORS[3]
Total Sales	**100.00%**	**100.00%**	**100.00%**
Cost of Livestock and/or Meat	79.56	59.07	63.47
Gross Margin	**20.44**	**40.93**	**36.53**
Operating Expenses:			
Wages and Salaries	6.21	12.53	9.28
Employee Benefits:			
Retirement	.19	.40	.34
Payroll Taxes	.54	.94	.73
Insurance & Hospitalization	.82	1.29	.86
Vacation, Holiday & Sick Leave	.34	.76	.54
All Other Benefits	.23	.34	.23
Total Benefits	2.12	3.73	2.71
Interest	.41	.38	.74
Depreciation	.80	1.42	1.31
Rents	.38	.44	.55
Taxes*	.14	.25	.24
Supplies & Containers	3.10	6.50	5.96
All Other Expenses	5.80	10.91	12.22
Total Operating Expenses	**18.96**	**36.16**	**33.02**
Income Before Taxes	1.47	4.77	3.51
Income Taxes	.64	2.22	1.27
Net Income	**.83**	**2.55**	**2.24**

***Source: American Meat Institute*, 1985 Financial Operating Survey of the Meat Industry**

[1,2,3]Defined as companies participating in the AMI survey that:
[1]slaughter livestock and have sales primarily of fresh meat;
[2]slaughter livestock and have sales of processed meats equivalent to two-thirds or more of total sales;
[3]do not slaughter livestock and are primarily involved in the manufacture and sale of processed meats.

**Other than Social Security and Income Taxes*

Totals may not add due to rounding

Product Share of Industry Sales and Profits, by Company Type, 1985

ITEM	PACKERS[1]	PACKER/ PROCESSORS[2]	PROCESSORS[3]
		Source of Sales	
Fresh Meat & By-Products	76.57%	20.53%	8.85%
Processed Meats	22.44	77.88	86.38
Non-Meat Products	.99	1.59	4.78
Total Sales	100.00	100.00	100.00
		Source of Profits	
Fresh Meat & By-Products	66.92%	.66%	4.46%
Processed Meats	30.18	97.36	91.40
Non-Meat Products	2.91	1.77	4.14
Total Profits	100.00	100.00	100.00

***Source: American Meat Institute*, 1985 Financial Operating Survey of the Meat Industry**

[1,2,3]*Defined as companies participating in the AMI survey that:*
[1]slaughter livestock and have sales primarily of fresh meat;
[2]slaughter livestock and have sales of processed meats equivalent to two-thirds or more of total sales;
[3]do not slaughter livestock and are primarily involved in the manufacture and sale of processed meats.

Totals may not add due to rounding

Breakdown of Packers' and Packer/Processors' 1985 Sales Dollar by Species Slaughtered

ITEM	CATTLE PACKERS OR PACKER/PROCESSORS[1]	HOG PACKERS OR PACKER/PROCESSORS[1]
Total Sales	**100.00%**	**100.00%**
Cost of Livestock and/or Meat	86.55	64.41
Gross Margin	**13.45**	**35.59**
Operating Expenses:		
Wages and Salaries	4.42	10.47
Employee Benefits:		
Retirement	.06	.41
Payroll Taxes	.36	.86
Insurance & Hospitalization	.41	1.41
Vacation, Holiday & Sick Leave	.21	.63
All Other Benefits	.31	.20
Total Benefits	1.34	3.51
Interest	.32	.48
Depreciation	.66	1.20
Rents	.37	.43
Taxes*	.10	.23
Supplies & Containers	1.67	5.81
All Other Expenses	3.08	10.46
Total Operating Expenses	**11.96**	**32.57**
Income Before Taxes	1.50	3.02
Income Taxes	.56	1.47
Net Income	**.94**	**1.55**

***Source: American Meat Institute*, 1985 Financial Operating Survey of the Meat Industry**

[1]Refers to participants in AMI survey whose slaughter of identified species represented at least 75% of their total live weight slaughter

**Other than Social Security and Income Taxes*

Totals may not add due to rounding

Breakdown of Hog Packers' and Packer/Processors' 1985 Sales Dollar by Percent of Fresh Meat Sales

ITEM	FRESH MEAT SALES AS % OF TOTAL SALES Greater than 67%	34–66%	Less than 33%
Total Sales	**100.00%**	**100.00%**	**100.00%**
Cost of Livestock and/or Meat	80.88	65.91	58.83
Gross Margin	**19.12**	**34.09**	**41.17**
Operating Expenses:			
Wages and Salaries	7.66	9.01	12.61
Employee Benefits:			
Retirement	.27	.45	.40
Payroll Taxes	.67	.82	.95
Insurance & Hospitalization	.64	1.71	1.30
Vacation, Holiday & Sick Leave	.52	.51	.78
All Other Benefits	.13	.05	.35
Total Benefits	2.22	3.55	3.78
Interest	.65	.53	.39
Depreciation	.78	1.06	1.44
Rents	.04	.50	.45
Taxes*	.15	.22	.25
Supplies & Containers	3.53	5.77	6.42
All Other Expenses	3.50	11.65	11.00
Total Operating Expenses	**18.54**	**32.31**	**36.33**
Income Before Taxes	.59	1.79	4.84
Income Taxes	.38	.95	2.25
Net Income	**.21**	**.84**	**2.59**

Source: American Meat Institute, 1985 Financial Operating Survey of the Meat Industry

**Other than Social Security and Income Taxes*

Totals may not add due to rounding

Meat Animals, Meat and Meat Products: Value of United States Imports and Exports, 1984–86

COMMODITY	IMPORTS			EXPORTS		
	1984	1985	1986	1984	1985	1986
	Million Dollars					
LIVE ANIMALS						
Cattle and Calves	$285.8	$306.5	$426.0	$56.5	$122.3	$108.7
Hogs	155.6	127.8	59.9	8.0	7.9	9.2
Sheep and Lambs	1.1	1.8	1.9	11.2	15.9	5.6
MEAT						
Beef and Veal	1,228.4	1,276.5	1,270.1	469.6	467.2	622.1
Pork	754.9	861.2	986.1	113.3	76.0	83.0
Lamb, Mutton & Goat	14.1	32.9	28.5	5.7	5.8	5.7
Processed Meats[1]	6.7	7.8	8.8	7.7	8.1	9.3
Tallow, Greases and Lard	3.0	2.9	2.0	676.1	601.8	397.6
Variety Meats and Edible Offal	22.7	26.4	25.4	286.8	313.3	341.8
Casings	50.0	56.8	57.4	17.2	14.4	19.2
Hides and Skins	61.3	65.5	58.1	1,148.4	1,064.4	1,261.9
Wool and Mohair	168.4	130.5	156.7	39.7	42.3	53.1
TOTAL	**2,752.0**	**2,896.6**	**3,080.9**	**2,840.2**	**2,739.4**	**2,917.2**

Source: U.S. Department of Agriculture

[1]Imports include mixed sausage and other meats. Exports include sausage, canned meats and other meats

U.S. Imports, Exports, and Net Imports of Beef and Veal, Pork, Lamb and Mutton, and Total Meat in Relation to Domestic Production, 1977–86

	PRODUCTION	IMPORTS	EXPORTS & SHIPMENTS	NET IMPORTS	PERCENTAGE OF U.S. PRODUCTION		
					IMPORTS	EXPORTS	NET IMPORTS
	Million Pounds[1]				Percent		
			BEEF AND VEAL				
1977	26,113	1,963	181	1,782	7.5	.7	6.8
1978	24,874	2,321	221	2,100	9.3	.9	8.4
1979	21,880	2,431	222	2,209	11.1	1.0	10.1
1980	22,044	2,085	223	1,862	9.5	1.0	8.4
1981	22,825	1,761	258	1,503	7.7	1.1	6.6
1982	22,984	1,958	310	1,648	8.5	1.3	7.2
1983	23,695	1,950	317	1,633	8.2	1.3	6.9
1984	24,091	1,847	383	1,464	7.7	1.6	6.1
1985	24,242	2,268	384	1,884	9.4	1.6	7.8
1986	24,895	2,128	565	1,563	8.5	2.3	6.3
			PORK				
1977	13,247	439	399	40	3.3	3.0	.3
1978	13,393	495	421	74	3.7	3.1	.6
1979	15,450	499	448	51	3.2	2.9	.3
1980	16,615	550	417	133	3.3	2.5	.8
1981	15,875	541	452	89	3.4	2.8	.6
1982	14,229	612	365	247	4.3	2.6	1.7
1983	15,202	702	361	341	4.6	2.4	2.2
1984	14,812	954	311	643	6.4	2.1	4.3
1985	14,805	1,128	259	869	7.6	1.7	5.9
1986	14,063	1,107	218	889	7.9	1.6	6.3
			LAMB AND MUTTON				
1977	351	22	6	16	6.3	1.7	4.6
1978	309	39	4	35	12.6	1.3	11.3
1979	275	44	3	41	16.0	1.1	15.0
1980	318	33	4	29	10.4	1.3	9.1
1981	338	31	5	26	9.2	1.5	7.7
1982	365	19	4	15	5.2	1.1	4.1
1983	376	19	4	15	5.1	1.1	4.0
1984	380	20	5	15	5.3	1.3	3.9
1985	357	36	3	33	10.0	.8	9.2
1986	337	39	3	36	11.6	.9	10.7
			TOTAL MEAT				
1977	39,711	2,424	586	1,838	6.1	1.5	4.6
1978	38,576	2,856	646	2,210	7.4	1.7	5.7
1979	37,623	2,974	673	2,301	7.9	1.8	6.1
1980	38,977	2,664	642	2,022	6.8	1.6	5.2
1981	39,038	2,333	715	1,618	6.0	1.8	4.1
1982	37,578	2,589	679	1,910	6.9	1.8	5.1
1983	39,272	2,670	682	1,988	6.8	1.7	5.1
1984	39,283	2,821	699	2,122	7.2	1.8	5.4
1985	39,404	3,432	646	2,786	8.7	1.6	7.1
1986	39,296	3,274	786	2,488	8.3	2.0	6.3

Source: U.S. Department of Agriculture

[1]*Carcass weight equivalent*

U.S. Imports of Selected Red Meat Products by Major Markets, 1985–86

Product and Country	QUANTITY Million Pounds 1985	1986	VALUE Million Dollars 1985	1986
Boneless Beef	**1,212.5**	**1,292.4**	**$996.8**	**$1,024.6**
Australia	580.0	681.5	467.9	530.9
New Zealand	369.8	357.4	306.3	278.6
Canada	122.2	105.2	98.9	79.7
Costa Rica	53.2	75.0	50.6	70.2
Dominican Republic	17.9	27.0	17.1	25.6
Honduras	14.5	22.4	11.7	20.5
Guatemala	29.5	9.7	22.4	7.6
Canned Beef	**142.8**	**98.4**	**136.1**	**94.2**
Brazil	72.8	46.1	66.1	43.2
Argentina	65.2	45.3	64.1	42.7
Fresh or Frozen Pork	**561.2**	**577.0**	**392.9**	**481.6**
Canada	403.9	457.6	278.0	364.2
Denmark	139.2	100.2	101.4	99.7
Canned Hams & Shoulders	**337.9**	**311.4**	**432.3**	**460.1**
Denmark	176.3	158.3	236.2	249.3
Poland	70.7	78.3	90.4	111.9
Hungary	30.6	24.7	35.4	33.2
Yugoslavia	20.6	18.5	20.5	22.6

Source: U.S. Department of Commerce

U.S. Exports of Selected Red Meat and Livestock Products by Major Markets, 1985–86

Product and Country	Quantity (Million Pounds) 1985	Quantity (Million Pounds) 1986	Value (Million Dollars) 1985	Value (Million Dollars) 1986
Boneless Beef	**196.4**	**262.8**	**$379.2**	**$513.6**
Japan	173.0	239.2	332.1	459.5
Canada	8.8	8.1	16.0	17.9
Taiwan	1.7	2.3	4.2	5.6
Bahamas	2.1	1.7	2.5	2.5
Hong Kong	1.0	1.6	3.1	4.5
Cayman	1.0	1.0	1.3	1.0
Other Fresh or Frozen Beef and Veal	**36.8**	**120.0**	**74.7**	**92.1**
Brazil	—	89.7	—	32.3
Canada	9.3	6.3	15.2	8.9
Japan	9.0	5.5	18.5	11.1
Bahamas	2.2	2.2	4.2	4.3
Saudi Arabia	3.1	2.1	8.5	5.0
Bermuda	1.3	1.8	3.6	5.1
Netherlands	0.2	1.5	0.8	2.4
Fresh or Frozen Pork	**75.8**	**45.8**	**61.7**	**70.6**
Japan	20.2	26.3	32.6	52.3
Canada	5.5	4.8	6.2	6.5
Bahamas	2.1	1.9	2.1	2.0
Haiti	2.6	1.5	0.9	0.6
United Kingdom	3.6	1.6	1.4	0.8
Variety Meats	**545.8**	**542.6**	**298.4**	**329.1**
Japan	88.2	114.9	84.0	127.3
Mexico	132.0	102.9	50.7	31.8
France	85.5	82.5	47.4	53.3
United Kingdom	56.4	62.7	19.3	23.8
Egypt	64.8	49.5	24.8	16.2
Brazil	—	24.0	—	8.4
Netherlands	19.7	19.9	8.6	11.1
Canada	24.9	17.4	22.0	15.6
Belgium-Luxembourg	9.4	15.7	3.5	12.5
Israel	5.7	8.9	3.5	5.5
Inedible Tallow	**2,679.8**	**2,488.9**	**538.1**	**350.4**
Egypt	456.0	314.8	97.4	41.8
Spain	—	227.0	—	28.4
Mexico	232.0	205.0	47.9	32.5
Netherlands	217.6	159.0	38.5	20.9
Pakistan	199.2	152.8	39.9	20.8
South Korea	174.7	144.4	33.7	17.2
Brazil	9.4	131.2	1.5	17.1
U.S.S.R.	146.9	110.2	30.9	15.5
Colombia	113.3	107.7	22.2	15.0
Cattle Hides (Whole)	**—**	**—**	**991.9**	**1,199.6**
South Korea	—	—	267.4	445.8
Japan	—	—	276.1	302.0
Taiwan	—	—	112.3	155.7
Italy	—	—	45.5	73.8
Mexico	—	—	91.5	42.0

Source: U.S. Department of Commerce

U.S. Canned Ham Imports by Country, 1970–86

	Denmark	Nether-lands	Czecho-slovakia	Hungary	Poland	Yugo-slavia	Romania	Other
				Million Pounds				
1970	104.3	80.9	2.5	3.5	45.7	10.5	—	4.2
1971	116.6	81.0	1.8	4.6	46.1	10.7	.4	4.0
1972	135.7	74.3	.6	6.2	59.6	15.0	3.9	4.0
1973	126.4	92.4	.3	5.0	54.0	19.0	6.0	4.1
1974	112.0	77.7	.8	7.8	58.0	19.6	8.4	4.0
1975	88.5	68.6	.3	9.8	75.1	26.4	5.9	3.1
1976	84.2	52.6	1.4	11.3	75.9	30.1	6.7	4.9
1977	87.7	32.9	1.6	12.9	71.2	34.4	8.0	3.0
1978	88.1	19.8	2.7	15.2	79.9	43.3	9.9	3.5
1979	71.5	7.6	3.2	15.6	90.0	32.4	13.2	2.4
1980	57.7	7.1	3.4	14.4	90.7	19.3	13.1	4.6
1981	70.7	13.7	3.5	14.0	55.9	21.8	11.6	6.6
1982	96.0	18.7	3.5	12.8	34.2	26.0	5.8	9.2
1983	122.8	18.3	1.4	20.3	58.5	21.7	7.1	9.1
1984	147.2	20.9	1.8	23.6	56.6	31.0	5.2	10.2
1985	176.3	19.5	2.6	30.6	70.7	20.6	3.4	14.2
1986	158.3	6.0	2.1	24.7	78.3	18.5	5.7	17.8

Source: U.S. Department of Commerce

U.S. Ham Production and Imports, 1970–86

	FEDERALLY INSPECTED HAM PRODUCTION						CANNED HAM IMPORTS[2]	CANNED HAM[3] AS % OF TOTAL HAM CONSUMPTION
	Smoked, Dried, or Cured					Canned		
	Bone-In	Semi-Boneless	Boneless[1]	Dry Cured	Total			
				Million Pounds, Product Weight				
1970	N.A.	N.A.	315.8	N.A.	1,245.9	373.8	251.6	25.0%
1971	N.A.	N.A.	372.2	N.A.	1,388.2	410.4	265.1	24.2
1972	N.A.	N.A.	355.1	N.A.	1,309.5	354.1	299.3	26.6
1973	N.A.	N.A.	308.5	N.A.	1,190.9	341.3	307.1	28.5
1974	N.A.	N.A.	351.9	N.A.	1,369.1	351.3	288.5	26.8
1975	N.A.	N.A.	382.4	N.A.	1,219.3	249.3	277.9	26.9
1976	N.A.	N.A.	472.1	N.A.	1,423.5	251.0	267.2	26.2
1977	496.3	140.1	814.8	67.5	1,518.7	275.7	251.6	25.2
1978	475.9	136.9	894.6	90.5	1,597.9	272.0	262.4	25.0
1979	542.8	163.6	1,038.5	93.5	1,838.4	287.8	236.0	21.7
1980	515.9	138.3	1,112.7	90.6	1,857.6	308.3	210.2	19.7
1981	492.0	177.3	1,165.3	81.5	1,856.0	246.8	197.8	18.3
1982	420.8	98.9	1,056.1	83.0	1,658.9	194.0	206.2	17.9
1983	473.3	101.1	1,168.1	91.3	1,833.8	190.3	259.2	18.1
1984	437.2	96.1	1,133.4	92.0	1,758.8	155.2	296.5	18.2
1985	419.2	93.6	1,116.8	87.6	1,717.1	120.7	337.9	18.7
1986	407.8	89.3	1,111.4	92.1	1,700.5	95.1	311.4	17.4

Source: Derived from data provided by U.S. Departments of Agriculture and Commerce

[1] *1977-to-Date includes sectioned and formed*

[2] *Includes shoulders*

[3] *Imported and Domestic*

N.A.—Not Available

Totals may not add because of rounding

World Meat Trade in Selected Countries[1], 1986

	BEEF & VEAL		PORK		LAMB & MUTTON	
	Imports	Exports	Imports	Exports	Imports	Exports
	Thousand Metric Tons					
NORTH AMERICA						
Canada	104	113	12	215	N.A.	N.A.
Mexico	2	0	1	1	N.A.	N.A.
United States	695	179	421	27	16	1
CENTRAL AMERICA						
Costa Rica	N.A.	29	N.A.	N.A.	N.A.	N.A.
Guatemala	N.A.	2	N.A.	N.A.	N.A.	N.A.
Honduras	N.A.	9	N.A.	N.A.	N.A.	N.A.
Nicaragua	N.A.	15	N.A.	N.A.	N.A.	N.A.
SOUTH AMERICA						
Argentina	N.A.	220	N.A.	N.A.	N.A.	10
Brazil	250	430	N.A.	5	N.A.	N.A.
Uruguay	N.A.	140	N.A.	N.A.	N.A.	11
WESTERN EUROPE						
Belgium-Luxembourg	33	83	32	297	13	5
Denmark	16	178	N.A.	850	2	N.A.
France	362	437	425	82	82	4
West Germany	265	480	480	128	27	1
Greece	141	N.A.	55	N.A.	25	N.A.
Ireland	11	400	17	34	N.A.	26
Italy	460	100	465	57	18	N.A.
Netherlands	85	320	40	890	1	8
Spain	24	2	25	1	6	4
United Kingdom	320	180	505	60	130	50
European Community*	418	839	93	377	204	7
Austria	3	57	0	4	N.A.	N.A.
Finland	N.A.	22	N.A.	14	N.A.	N.A.
Sweden	7	18	6	58	N.A.	N.A.
EASTERN EUROPE						
Czechoslovakia	10	55	5	30	N.A.	3
East Germany	N.A.	40	N.A.	210	N.A.	6
Hungary	3	50	N.A.	120	N.A.	1
Poland	0	15	20	85	0	N.A.
Romania	0	80	0	100	N.A.	45
Yugoslavia	30	40	15	38	N.A.	5
U.S.S.R.	300	35	250	N.A.	20	N.A.
ASIA						
China	N.A.	N.A.	N.A.	292	N.A.	N.A.
Hong Kong	38	1	225	N.A.	N.A.	N.A.
Japan	225	N.A.	280	N.A.	160	N.A.
Taiwan	36	N.A.	N.A.	105	N.A.	N.A.
OCEANIA						
Australia	N.A.	710	N.A	2	N.A.	210
New Zealand	N.A.	253	N.A.	N.A.	N.A.	531

Source: U.S. Department of Agriculture

[1]Preliminary data for countries other than U.S.

**Excludes intra-EC trade; figures for EC countries reflect third country trade as well as intra-EC trade*

Note: Figures are reported in thousands of metric tons. A metric ton is equivalent to 2,204.6 pounds

N.A.—Not Available

Per Capita Meat Disappearance in Selected Countries, 1985

REGION & COUNTRY	BEEF & VEAL	PORK	LAMB, MUTTON & GOAT	POULTRY
	Pounds Per Person[1]			
NORTH AMERICA				
Canada	88.6	61.7	N.A.	54.7
Mexico	37.5	23.8	N.A.	19.4
United States	109.1	66.0	1.6	70.1
SOUTH AMERICA				
Argentina	178.1	N.A.	6.2	17.4
Brazil	30.0	9.3	N.A.	20.3
Colombia	48.1	8.8	N.A.	N.A.
Uruguay	114.9	N.A.	22.5	N.A.
Venezuela	40.1	14.6	N.A.	45.2
WESTERN EUROPE				
Belgium-Luxembourg	58.2	101.9	3.5	33.1
Denmark	32.4	117.9	1.3	22.9
France	69.0	76.9	9.5	38.1
West Germany	51.1	114.0	2.0	20.1
Greece	48.3	47.6	31.1	34.8
Ireland	52.2	73.6	15.4	36.2
Italy	59.1	55.8	3.3	36.6
Netherlands	37.3	89.3	.7	32.0
United Kingdom	47.0	58.0	15.4	34.6
European Community Average	54.7	78.0	7.7	32.0
Austria	49.6	111.3	N.A.	24.0
Finland	47.6	69.2	N.A.	9.5
Portugal	21.6	40.8	6.2	34.0
Spain	23.4	67.5	7.5	47.0
Sweden	35.1	65.7	N.A.	11.7
Switzerland	58.6	96.6	N.A.	19.8
MIDDLE EAST				
Israel	32.0	N.A.	N.A.	104.1
Saudi Arabia	14.3	N.A.	N.A.	69.9
AFRICA				
Egypt	24.0	N.A.	2.9	13.4
South Africa	45.0	N.A.	15.4	33.3
ASIA				
India	.9	N.A.	1.3	N.A.
China (Taiwan)	4.4	82.5	N.A.	40.8
Japan	14.1	31.5	2.9	26.9
Philippines	3.3	16.3	N.A.	N.A.
OCEANIA				
Australia	93.5	35.3	53.8	45.6
New Zealand	87.5	N.A.	61.9	N.A.

Source: U.S. Department of Agriculture

[1]Carcass weight basis

N.A.—Not Available

The American Meat Institute was founded in 1906 and represents approximately 500 meat packers and processors and 600 suppliers of equipment, products and services. The Institute serves members and the general public through its Departments of Communications, Convention and Conferences, Economic Research, Fresh Meats, Legal, Legislative Affairs and Congressional Relations, Marketing, Member Services, and Science and Prepared Meats.

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